



TDCC ESG



臺灣集中保管結算所
Taiwan Depository and Clearing Corporation

2024

2024
Environment
Social Governance
Report

Taiwan Depository & Clearing Corporation
2024 ESG Report

Table of Contents

		CH1 Sustainable Strategy and Management	13
About This Report	03	1.1 Sustainability Vision and Strategy	15
Message from the Chairman	04	1.2 Sustainability Organization Structure	16
About TDCC	05	1.3 Sustainability Performance	17
Sustainability Policies and Commitments	07	1.4 Materiality Assessment and Stakeholder Engagement	19
Value Chain of Operations	08	1.4.1 Stakeholder Engagement	19
Operational Performance	11	1.4.2 Material Topic Identification and Responses	21
Participation in Industry Associations	12	1.4.3 Impact Management for Material Topics	23
		1.4.4 Material Topics and Goals	27
CH2 Upholding the value of integrity	31	CH3 Service Application Innovation	46
2.1 Corporate Governance	33	3.1 Business Development Philosophy	47
2.1.1 Governance Structure and Key Drivers	33	3.1.1 Annual R&D Highlights	47
2.1.2 Board Operations	37	3.2 Digital Innovation Services	48
2.1.3 Integrity in Business Operations	38	3.2.1 Suptech	48
2.2 Regulatory Compliance	39	3.2.2 Low-Carbon Sustainable Services	50
2.2.1 Regulatory Compliance Management	39	3.2.3 Financial Market Management	52
2.2.2 Internal Control and Audit System	40	3.2.4 Fund Wealth Management Tools	54
2.3 Risk Management	41	3.3 Market Expansion Strategy	56
2.4. Information Security	42	3.3.1 Customer Relationship Management	56
2.4.1 Information Security Management Framework	42	3.3.2 Customer Communication	58
2.4.2 Cybersecurity Protection Measures	43	3.3.3 Business Promotion and Marketing	59

CH4	Green Vision Commitment	63	CH5	Safeguarding Employee Wellbeing	83
4.1	Climate governance	65	5.1	Talent Attraction	85
4.1.1	Climate governance	65	5.1.1	Talent Recruitment	85
4.1.2	Climate Resilience Assessment	66	5.1.2	Compensation System and Retention	87
4.2	Energy Management	72	5.1.3	Employee Benefits	88
4.2.1	Energy Policy and Management	72	5.2	Talent cultivation	90
4.2.2	Renewable Energy Procurement Targets	72	5.2.1	Diverse Talent Development	90
4.3	GHG Emissions Management	73	5.2.2	Performance Evaluation	92
4.3.1	GHG Policy and Targets	73	5.3	Human Rights and Labor Relations	92
4.3.2	Carbon Reduction Benefits of Products and Services	76	5.3.1	Human Rights Policy	92
4.3.3	Carbon Neutrality	76	5.3.2	Labor-Management Communication	93
4.4	Green Operations	79	5.4	Workplace Safety and Health Management	94
4.4.1	Sustainable Finance	80	5.4.1	Labor Health and Occupational Safety and Health Management	95
4.4.2	Sustainable Procurement	81	5.4.2	Health Promotion and Healthcare	96
CH6	Spreading Love through Public Welfare	97			
6.1	Social Value Creation	99	Appendix		111
6.1.1	Public Welfare Philosophy and Action Guidelines	100	Appendix I: GRI Sustainability Reporting Standards Content Index		111
6.2	Social Welfare Practices	101	Appendix II: Comparison Table of SASB Sustainability Accounting Standards		114
6.2.1	Social Assistance	101	Appendix III: Third Party Certification Statement		115
6.2.2	Cultural Rooting	103			
6.2.3	Setting Sail for Financial Education	105			
6.2.4	Nurturing Sports Talent	110			

About This Report

Since 2017, Taiwan Depository & Clearing Corporation (hereinafter referred to as “TDCC” or “the Company”) has published a Corporate Social Responsibility Report. Starting in 2020, the report was renamed the ESG Report. TDCC has consistently demonstrated its commitment and proactive efforts in the areas of environmental, social (human rights), and corporate governance. Through this report, the Company aims to present its implementation results, reinforce the integration between core operations and corporate sustainability, promote stakeholder engagement, and align with global sustainability trends.

Reporting Period, Scope, and Boundaries

This ESG Report covers the year 2024 (from January 1 to December 31, 2024). The reporting boundary encompasses TDCC and its subsidiary FundRich Securities Co., Ltd. (hereinafter referred to as “FundRich”). The report primarily discloses data in the economic, social, and environmental dimensions, addressing issues of high concern to stakeholders and presenting relevant management approaches. All information and data disclosed herein have been verified and compiled by TDCC and FundRich’s departments, and published upon approval by the Board of Directors. For completeness and comparability, certain data are retrospectively traced to 2023 or indicate directions for actions in 2025. The financial information disclosed in this report is consistent with the reporting boundaries and scope applied to the consolidated financial statements of TDCC and FundRich, with specific annotations provided herein. For further details please refer to the TDCC’s 2024 Annual Report. All amounts disclosed are denominated in New Taiwan Dollars unless otherwise specified.

Reporting Standards

The content and structure of this report are prepared in accordance with the Global Reporting Initiative (GRI) Sustainability Reporting Standards (GRI Standards), covering stakeholder engagement, materiality identification, and non-financial disclosures. It also adheres to the disclosure standards of the Sustainability Accounting Standards Board (SASB) and follows the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD) as issued by the Financial Stability Board.

External Assurance

All information and data in this report were provided by the relevant departments of TDCC and FundRich. To enhance the quality and credibility of this report, TDCC engaged TÜV NORD Taiwan Ltd. to conduct third-party assurance in accordance with the GRI Standards 2021 (Comprehensive option) and the AA1000 AccountAbility Assurance Standard v3 (Type 1, Moderate level). This report declares compliance with the GRI Standards 2021 edition, the SASB Disclosure Standards, and the TCFD Recommendations.

Publication Cycle and Restatement of Information

This is TDCC’s eighth ESG Report. Compared to the previous edition, the base year for the greenhouse gas inventory has been revised (please refer to Section [4.3.1: Greenhouse Gas Policies and Targets](#)). TDCC will continue to publish the report annually. The report is available for download in the Sustainable Development section of the Company’s official website.

Previous Issue Date: April 2024

Current Issue Date: June 2025

Next Issue Date: June 2026

Contact Information

Corporate Strategy & Public Affairs, Taiwan
Depository & Clearing Corporation
Address: 11 F., No. 363, Fuxing N. Rd.,
Songshan Dist., Taipei City

Telephone: 02-2719-5805

Fax: 02-2713-3736

E-mail: tdcc@tdcc.com.tw

Company Website:

<https://www.tdcc.com.tw/>



[Click here or scan the QR code to visit ↗](#)

TDCC's Sustainable Development section

Message from the Chairman



At COP29, held in 2024 in Azerbaijan, a unified global carbon credit market mechanism and the target for power grid decarbonization were established. In line with the international decarbonization trend, Taiwan has also entered the era of “carbon pricing” with the implementation of carbon fees in 2025 as stipulated in Article 28 of the Climate Change Response Act.

In response to the global net-zero transition, TDCC became the world’s first securities depository institution to achieve carbon neutrality in 2024. In alignment with the COP29 and Paris Agreement declarations, emphasizing that sustainable development must balance environmental and social equity, the Company signed a memorandum of understanding (MOU) with the Taiwan Successive Indigenous Township Mayor Association in 2024. Through afforestation on indigenous lands and empowerment of indigenous talent, TDCC strives to achieve ESG goals that benefit the environment, the economy, and indigenous communities.

Achieving Carbon Neutrality in 2023, Advancing Toward Net-Zero by 2030

In 2024, TDCC obtained ISO 14068-1 carbon neutrality verification from the British Standards Institution (BSI). This achievement was made possible by employees implementing a range of energy-saving and carbon-reduction measures tailored to operational needs, reducing emissions through renewable energy, and offsetting residual greenhouse gas emissions with high-quality carbon credits aligned with ten United Nations Sustainable Development Goals (SDGs). Looking ahead, TDCC will focus on carbon removal, collaborating with indigenous communities to cultivate natural carbon sinks and promote regional development, striving for a triple-win outcome for business, society, and the environment.

Advancing Corporate Social Responsibility Through Five Pillars of Public Welfare

“Shared Prosperity Through Altruism” is embedded in TDCC’s DNA. The Company is committed to five areas of public welfare: disadvantaged groups, education, culture, sports, and society. Initiatives include emergency relief, support for persons with disabilities and economically disadvantaged or elderly individuals in rural and indigenous areas, cultural and grassroots sports sponsorships, donation of equipment to police and firefighters, blood donation drives, and disaster relief, demonstrating deep social care.

Enhancing Disclosure and Optimizing Corporate Governance

In alignment with the “ESG Sustainable Development Action Plan for TWSE and TPEx Listed Companies” issued by competent regulatory authorities, TDCC continues to strengthen the functions of its Sustainability Development Committee and ESG disclosures. In addition to already disclosing in line with TCFD, TDCC plans to adopt the IFRS Sustainability Disclosure Standards (IFRS S1 and S2), while continuously monitoring developments in international standards such as those of SASB and GRI to further improve corporate governance and meet stakeholder expectations.

About TDCC

ORGANIZATIONAL OVERVIEW

Taiwan Depository & Clearing Corporation	
 Company Full Name	Taiwan Depository & Clearing Corporation
 Date of Establishment	October 17, 1989
 Business Locations	Locations in Fuxing North Road, Nangang District in Taipei City, and Zhubei
 Operating Revenue in 2024	NT\$12,367,548 thousand ^{Note 1}
 Total Number of Employees in TDCC at Year-End 2024	527 ^{Note 2}

Note 1: The operating revenue is based on the consolidated financial statements and includes the performance of the equity-method investee, FundRich Securities Co., Ltd.

Note 2: The total number of employees encompasses both full-time and non-full-time staff. For further details, please refer to Chapter 5.1 Talent Attraction.

Company Introduction

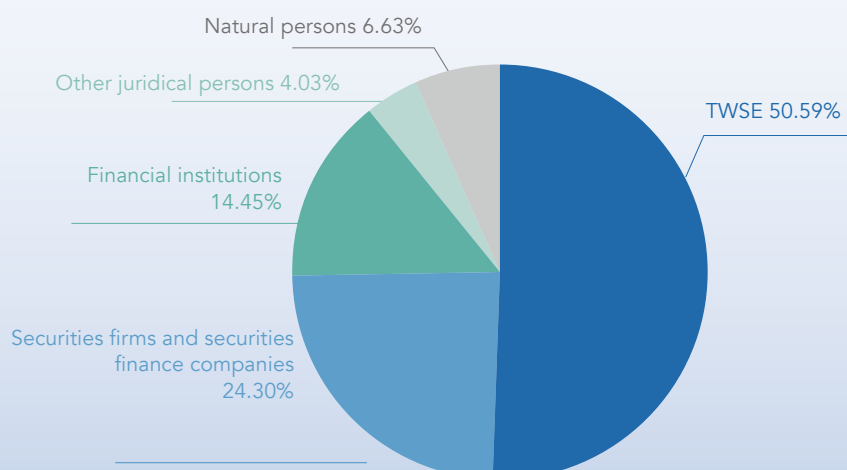
In the 1980s, the domestic economy continued to grow at a high rate, leading to a stock market boom. To solve the issue of settling a large number of stock transactions in real time, the competent authority instructed the Taiwan Stock Exchange Corporation (TWSE), securities firms, and financial institutions to begin to plan a book-entry transfer system for securities and established Taiwan Securities Central Depository Co., Ltd., the predecessor of the Company, in October 1989 to be responsible for establishing and promoting a centralized securities depository and book-entry transfer and settlement system. Subsequently, the Company expanded its services into the back-end systems for the futures market. In line with regulatory policy, TDCC merged with the Taiwan Bills Clearing House in 2006 and was renamed as Taiwan Depository & Clearing Corporation.

Originally founded to resolve the inefficiencies of physical stock settlements, TDCC has evolved to offer centralized custody and book-entry transfer services. Over the years, its services have expanded from equity securities to encompass bonds and bills, futures, cross-border custody, mutual funds, and shareholder services. TDCC has developed a cross-market, diversified digital service platform for investors, incorporating RegTech solutions to support regulatory implementation. Looking forward, TDCC will continue to facilitate the financial sector's sustainable transformation and strive to build the most comprehensive and advanced financial infrastructure.

Shareholder Structure

As of the end of 2024, TDCC's shareholding structure is as follows:

■ TWSE	50.59%
■ Securities firms and securities finance companies	24.30%
■ Financial institutions	14.45%
■ Other juridical persons	4.03%
■ Natural persons	6.63%



FundRich	
 Company Full Name	FundRich Securities
 Date of Establishment	15 December 2015
 Business Locations	Dunhua North Road, Taipei City
 Total Number of Employees in FundRich at Year-End 2024	73

Company Introduction

FundRich Securities is Taiwan’s largest online mutual fund trading platform. It was established in December 2015 under the guidance of the Financial Supervisory Commission (hereinafter referred to as "FSC"). The company was jointly initiated by TDCC and the Taipei Exchange (hereinafter referred to as "TPEX"), with TDCC as the principal sponsor.

From its inception, FundRich has adopted an open-platform operating model, integrating resources from both domestic and foreign fund companies and incorporating FinTech innovations into its services. The Company was established with the mission of leveraging FinTech to provide investors with a comprehensive, objective, secure, and convenient investment channel. It offers a wide range of fund products, the most competitive fee structure, and a safe, user-friendly trading environment. It not only meets the needs of domestic investors for one-stop financial services but also aligns with regulatory efforts to promote financial inclusion.

Core Values of FundRich



Environmental Environmentally Friendly

Through the application of innovative technologies, FundRich continues to enhance platform functionality, providing users with convenient and user-friendly services, reducing paper usage, easing the burden on the environment, and contributing to the protection of the Earth.



Social Social Responsibility

By organizing both online and offline public-interest seminars, FundRich actively promotes sound financial literacy, fosters disciplined financial habits among the public, and supports vulnerable seniors and families to give back to society.



Governance Corporate Governance

FundRich strengthens information security on the platform and adopts a responsible and reliable approach to maintain system stability, ensure a secure trading environment, and protect investors' rights.

SUSTAINABILITY POLICIES AND COMMITMENTS

ESG Policy Commitments

Sustainability Governance -

Supervised and Executed by the Board of Directors and the Sustainability Committee

Operational Governance -

In Accordance with the Articles of Incorporation and Organizational Guidelines of the Sustainability Committee

Commitment to Governance

Compliance Policies	Management Actions
• Ethical Corporate Management Best Practice Principles for Directors and Supervisors • Employee Integrity and Ethics Guidelines • Whistleblower Case Handling Guidelines • ISO 22301 Business Continuity Management Policy • Personal Information Protection Management Policy Statement • Privacy Protection Policy • ISO 27001 Information Security Policy	❖ Whistleblower Mechanism ❖ ISO 22301 Business Continuity Management System ❖ Customer Due Diligence Management System ❖ Taiwan Personal Information Protection and Administration System (TPIPAS) ❖ Cross-Border Privacy Rules (CBPR) ❖ Concerned Party's Exercise of Personal Information Rights ❖ ISO 27001 Information Security Management System ❖ Information Security Section ❖ CRM Procedures Manual

Social Commitments

Compliance Policies	Management Actions
• Human rights commitment and policy • Supplier Sustainability Promotion Policy • Charitable Donations Management Guidelines • Occupational Safety and Health Management Regulations • Personnel Management Regulations	❖ Supplier Evaluation Procedures ❖ Four Key Areas of Public Welfare: Disadvantaged Groups, Education, Arts and Culture, Sports ❖ Occupational Safety and Sexual Harassment Prevention Section ❖ Employee Training Procedures

Environmental Commitments

Compliance Policies	Management Actions
• ISO 50001 Energy Policy • ISO 14068-1 Carbon Neutrality Policy	❖ ISO 14064-1 Greenhouse Gas Inventory ❖ ISO 50001 Energy Management System ❖ ISO 14068-1 Carbon Neutrality Implementation

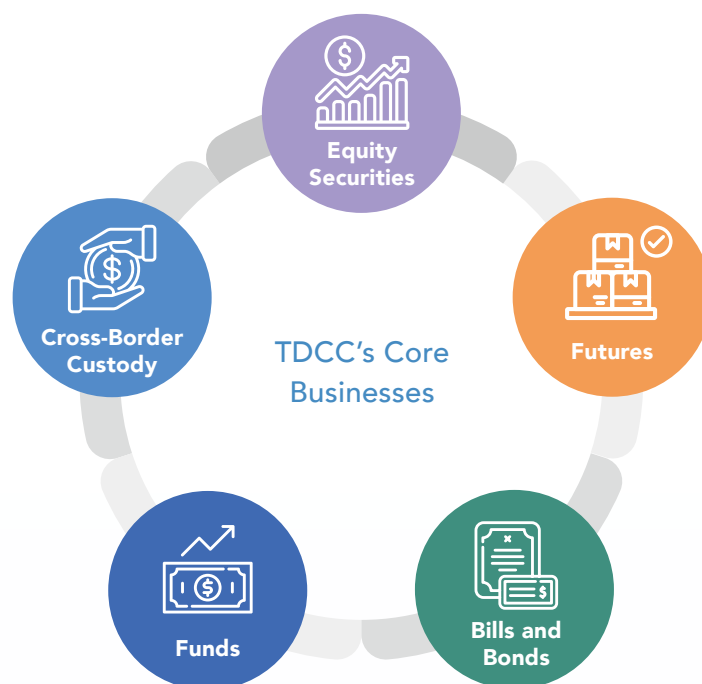
Stakeholders:

Employees, Clients/Participants, Regulatory Authorities, Shareholders/Investors, Suppliers/Contractors, and the Community.

Engagement and Communication:

Please refer to Chapter 1.4.1 Stakeholder Engagement, Chapter 4.4.2 Sustainable Procurement, and Chapter 5.3 Human Rights and Labor Relations.

VALUE CHAIN OF OPERATIONS



TDCC has long been committed to cultivating the overall capital market and proactively supporting the implementation of regulatory policies. The Company continues to deepen its five core business lines while advancing digitalization and innovation to meet the evolving needs of the financial market. Our services primarily include:

- I. Centralized custody, clearing and settlement, book-entry transfers, shareholder services, and information services for five major types of financial products: equities, futures, bills and bonds, mutual funds, and cross-border custody.
- II. Through the integration of financial technology and big data, TDCC has introduced a range of innovative digital services, including the "TDCC e-Passbook App," Digital Corporate Action Services, the Investor Relations (IR) Platform, the ESG Compliance Information System for the Securities and Futures Industry, a big data analytics platform, the AML/CFT Screening Platform, and Company Transparency Platform (CTP).

TDCC demonstrates inclusive finance by integrating the "Shareholder e-Services platform" with the TDCC e-Passbook App in support of the Financial Supervisory Commission's Open Banking 2.0 initiative. The App enables users to view holdings in equities, bonds, and mutual funds, as well as deposit balances and transaction details at select financial institutions. It also connects to the eNotice system to provide information on cash or stock dividend payments and ETF distributions. Moreover, TDCC has introduced new open data services for the securities market, enabling public access to data from securities firms, futures commission merchants, and investment trust and consulting firms, creating an open and user-friendly financial information ecosystem.

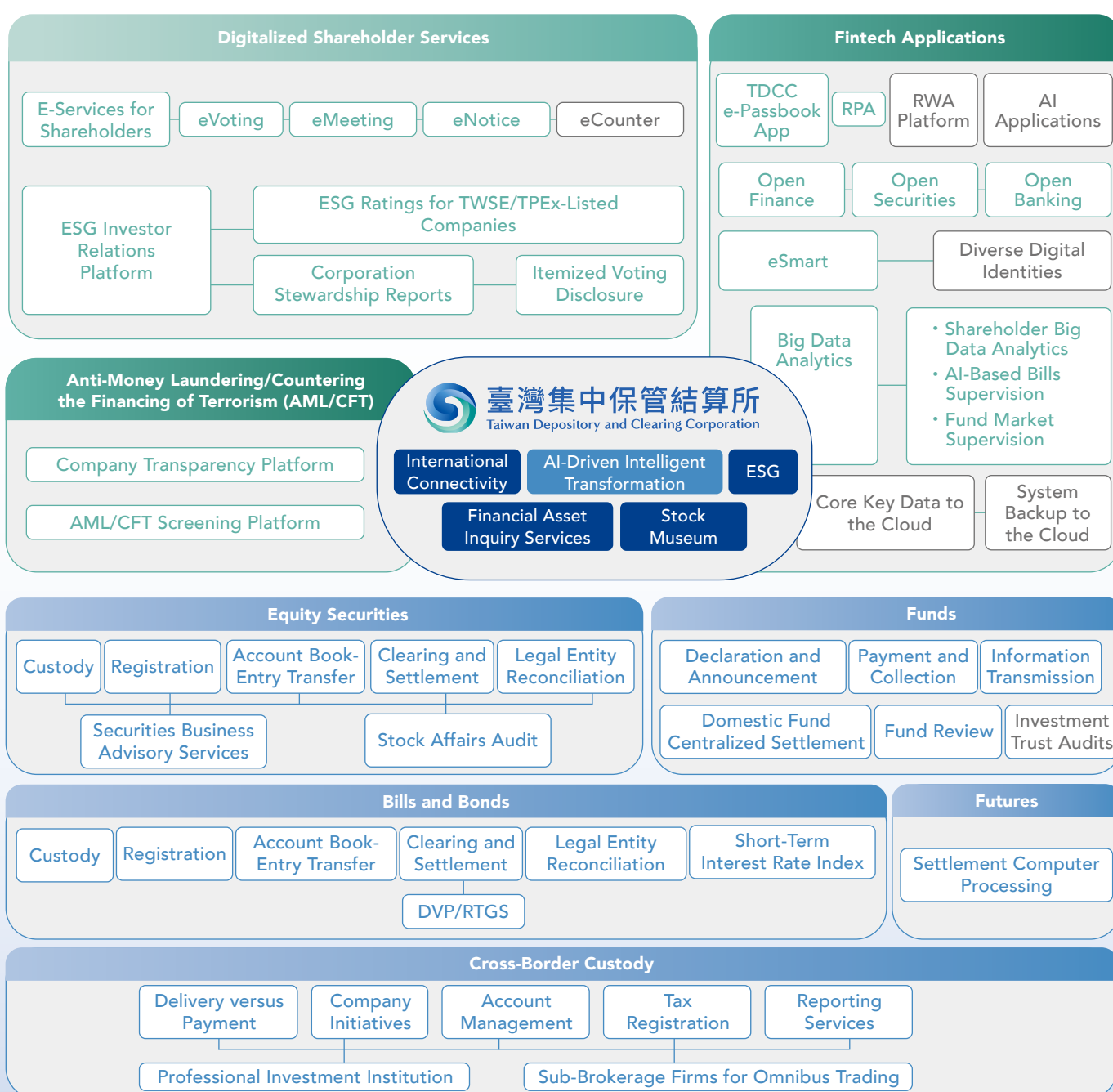
Together with its subsidiary FundRich Securities, TDCC is expanding the development of a retirement planning platform, integrating services such as eldercare trusts and mutual fund lending to support the public in preparing for retirement. As a public-interest institution, TDCC promotes inclusive finance by encouraging early retirement planning, systematic investment, financial discipline, and long-term investing to help citizens gradually achieve financial security and a joyful retirement.

Upholding the core philosophy of "altruism and reciprocity," TDCC continues to drive the digital transformation of its core

businesses and develop innovative financial services. By delivering diverse and user-friendly solutions, the Company aims to realize the new value of inclusive finance while laying a strong foundation for digital financial infrastructure through the following initiatives:

- I. Has established a secure, convenient, stable, and trustworthy back-end operation mechanism in Taiwan's capital market and provides customers with comprehensive and diverse services.
- II. Has established a comprehensive back-end information system, enhanced information governance, reinforced information security protection, ensured stable operations, and built a solid digital financial infrastructure.
- III. Has recruited and trained diverse talents in a planned manner, systematically trained and passed down employees' core competencies

TDCC's Five Core Fleets and Digital Development Focus



Introduction to FundRich's Service Value Chain

FundRich is an online fund distribution and wealth management platform that consolidates fund information provided by various asset management companies. It helps investors invest in mutual funds online with sufficient information, reasonable costs, and user-friendly interfaces. ESG sustainability goals are embedded in FundRich's DNA as core values, while the implementation of inclusive finance represents the tangible realization of ESG principles.



E refers to Environmental. With the rise of global internet technologies, innovative digital tools are reshaping the financial services industry. By incorporating financial innovation into its service processes, FundRich not only delivers convenience to clients but also significantly reduces environmental burdens. Operating on an open platform architecture, FundRich provides one-stop fund investment services aligned with financial technology innovation and diverse market needs, integrating eco-conscious practices. Over 70% of its investors open accounts electronically, and 100% of its transactions are conducted digitally, effectively reducing greenhouse gas emissions and contributing to climate change mitigation.



S refers to Social. FundRich bears the mission of promoting sound financial literacy and education. It regularly hosts online and in-person financial seminars, and leverages mass and social media to advocate systematic investment, disciplined saving, and retirement planning. Through platform fee discounts and access to funds with lower management fees, FundRich guides various demographics in building financial knowledge and preparing for all stages of life. In response to demographic shifts such as aging and declining birthrates, FundRich collaborates with competent authorities, TDCC, and major financial institutions to launch platforms like "Happy Retirement" and "Well-Prepared Retirement Planning," integrating investment and protection to reduce public anxiety about aging. In addition, the "Graceful Aging" charity program supports vulnerable and elderly populations, encouraging social contribution and dignified senior living.



G refers to Governance. FundRich is backed by shareholders including TDCC, TPEX, and 33 domestic and foreign asset management institutions, shouldering the important responsibility of protecting investors' rights. Since its inception, FundRich has placed great emphasis on information system security, continuously advancing core system upgrades and enhancements, while constantly optimizing the website framework and user interface. It routinely carries out external audits of its data centers, offsite backup drills, employee cybersecurity training programs, and regular website vulnerability scans to reinforce its cybersecurity defenses. With a dependable and accountable approach, FundRich provides a stable and user-friendly digital platform to ensure a secure and reassuring trading environment for investors.

Looking ahead, FundRich will continue striving to realize financial inclusion by promoting mutual fund investment literacy and extending access to wealth management services for the broader public. It will also leverage platform resources to serve the public good and give back to society, thereby advancing from digital finance to inclusive finance, and ultimately toward the goal of sustainable ESG finance.

Product and Service Supply Chain

TDCC and FundRich's primary suppliers include hardware equipment and software service providers. Hardware suppliers mainly provide data center servers, computers, and related IT infrastructure, while software suppliers offer cybersecurity protection, programming development, and system integration. TDCC maintains strong relationships with its suppliers and, beyond product quality, service, delivery time, and cost, also values shared commitment to corporate social responsibility, co-creating a sustainable value chain.

OPERATIONAL PERFORMANCE

Driven by a thriving and dynamic market environment, TDCC has proactively optimized its core operations while maintaining steady growth. In 2024, the Company delivered outstanding performance in both the development and innovation of its core services, including securities registration, centralized custody, book-entry transfer, and clearing and settlement.

Unit: NT\$ thousands

Total Assets



Operating Revenue



Non-Operating Income and Expenses



Operating Expenses



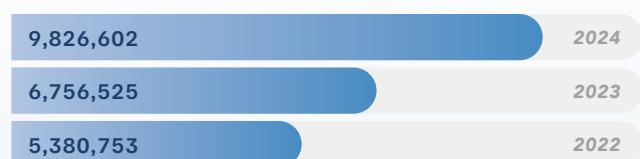
Employee Benefits Expenses



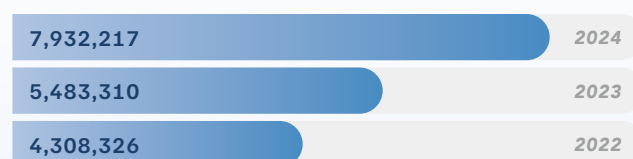
Tax Payment



Net Profit Before Tax



Earnings After Tax



Note 1: Figures are based on the consolidated financial statements and include the performance of the equity-method investee, FundRich Securities Co., Ltd.

Note 2: Tax payment refers to tax paid for the prior fiscal year.

PARTICIPATION IN INDUSTRY ASSOCIATIONS

The Company actively participates in international organizations to expand Taiwan's global footprint through its professional and practical expertise. Domestically, it joins industry associations and engages with various sectors to exchange insights and promote knowledge-sharing, all in support of the continuous advancement of Taiwan's financial market.

List of Industry Associations and Organizations in which TDCC Participates

Domestic Industry Associations, Organizations, and Academies		International Organization	
External Organization Name	Participating Role	External Organization Name	Participating Role
Chinese National Association of Industry and Commerce	Member	Asia-Pacific Central Securities Depository Group (ACG)	Executive Member
The Institute of Internal Auditors - Chinese Taiwan	Member	The World Forum of CSDs (WFC)	Member of Board of Directors
Taiwan Stock Affairs Association	Member	International Securities Services Association (ISSA)	Member
Computer Audit Association	Member	International Organization of Securities Commissions (IOSCO)	Observer
Securities Analysts Association, Chinese Taipei	Member	Society for Worldwide Interbank Financial Telecommunication (SWIFT)	Member
BCSD Taiwan	Member	The International Capital Market Association (ICMA)	Member
Global Brand Management Association	Member	International Corporate Governance Network (ICGN)	Member
Financial Planning Association of Taiwan	Member	International Council of Museums (ICOM)	Member
Financial Engineering Association of Taiwan	Member		
Accounting Research and Development Foundation	Member		
Chinese Personnel Executive Association	Member		
Corporate Operating and Sustainable Development Association	Member		
Taiwan Financial Services Roundtable	Member		
R.O.C. Bills Finance Association	Sponsoring Member		
Taiwan Museum Association, ROC	Member		
The Bankers Association of the Republic of China	Sponsoring Member		
China Society for Finance and Banking	Member		
Taiwan Corporate Governance Association	Member		
Global Research & Industry Alliance of the National Chengchi University	Member		
The Taiwan Finance Association	Member		
Pension Fund Association, ROC	Member		
CommonWealth Sustainability Association	Member		
Taipei Nurses Association	Member		



CH1

Sustainable Strategy and Management

Listening to stakeholders and addressing the material topics they care about lies at the core of TDCC's sustainable development. In line with the GRI Standards and AA1000SES principles, TDCC has established a materiality assessment model to evaluate the degree of stakeholder concern regarding various sustainability topics and their impact on TDCC's sustainable operations. This serves as the basis for setting sustainability management goals.

- ② 1.1 Sustainability Vision and Strategy
- ② 1.2 Sustainability Organization Structure
- ② 1.3 Sustainability Performance
- ② 1.4 Materiality Assessment and Stakeholder Engagement

Alignment with the United Nations
Sustainable Development Goals (SDGs)



Material Topics and
Corresponding GRI Standards

GRI 2: General Disclosures

GRI 3: Disclosure Items on Material Topics

Corresponding Material Topics

Corporate Governance and Integrity
Management

Priority Stakeholders

Competent authorities
shareholders/investors
clients/participants
employees

1.1 SUSTAINABILITY VISION AND STRATEGY

In today's post-pandemic era, amid the explosive growth of AI, regional military tensions, and the onset of global financial deleveraging, the financial markets are evolving at an unprecedented pace and volatility. For over 35 years, TDCC has upheld its mission of safeguarding public assets and stabilizing the financial markets. Guided by its values of resilience and adaptability, the Company has remained steadfast amidst turbulent changes. Looking ahead, TDCC is committed to advancing three core sustainable visions. To become a robust back-office and diversified platform that safeguards public assets, leads digital innovation, and promotes market sustainability; and, with a spirit of international connectivity and altruistic collaboration, to join hands with all participants in the financial market and serve as a positive driving force for the long-term stability and development of Taiwan's financial market.

Five Major Sustainable Development Strategies



Sustainable Development Strategies	Specific Measures in 2024
1. Establishment of the key hub for financial back-office services	1. Launch of the digital book-entry transfer operations platform 2. Automation of back-office operations for securities firms 3. Development of a dynamic settlement status inquiry platform for bills and bonds (Easy Inquiry)
2. Building of comprehensive fund service ecosystem	1. Promotion of centralized clearing services for onshore funds 2. Establishment of an integrated payment system for direct subscriptions and redemptions by investors
3. Expansion of innovative applications of financial technology	1. "eFastChannel" feature in the e-Passbook App 2. eNotice service for dividend distribution 3. eNotice service for ETF income distribution
4. Deployment of intelligent and resilient information infrastructure	1. Establishment of a new data center infrastructure 2. Optimization of the Security Operations Center (SOC) 3. Implementation of zero-trust network architecture
5. Practicing ESG to accelerate sustainable transformation	1. Establishment of a carbon emissions reporting platform for the financial sector 2. Preparation of digitally produced stewardship reports 3. Development of net-zero targets for Scope 1 and 2 emissions by 2030

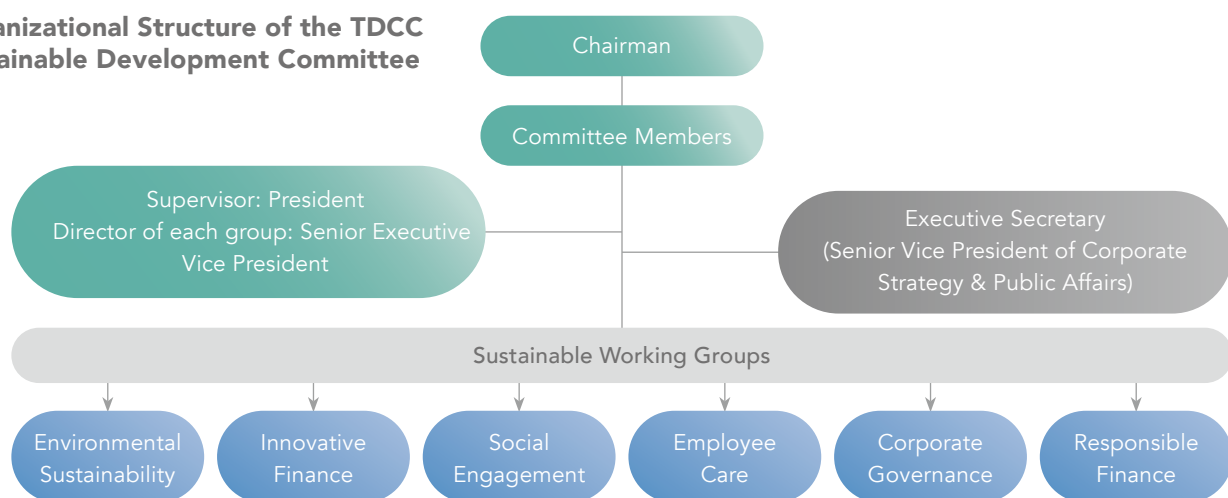
1.2 SUSTAINABILITY ORGANIZATION STRUCTURE

Sustainable Development Committee

TDCC established the Corporate Social Responsibility Committee in 2017, which was renamed the Sustainable Development Committee in 2021. To align with government policies and establish a governance framework for promoting sustainable development, TDCC formulated the "Sustainable Development Committee Organizational Charter" in 2023. The Sustainable Development Committee is subordinate to the Board of Directors, with the Chairperson serving as the convener, and Directors and Supervisors acting as committee members. The Committee convenes at least twice annually and may hold additional meetings as necessary. Its main responsibilities include reviewing and approving the annual sustainable development plan and strategic direction, reviewing or acknowledging the implementation of various sustainable development programs, reviewing the sustainability report, and reviewing or acknowledging other sustainability-related matters.

The Sustainable Development Committee Task Forces are overseen by the President and supervised by the Vice Presidents. Each task force is composed of relevant departments based on their respective issue areas, enabling them to implement specific sustainability initiatives.

Organizational Structure of the TDCC Sustainable Development Committee



Responsibilities of the Sustainable Development Committee's Task Force

Environmental Sustainability Task Force Corporate Strategy & Public Affairs, General Administration, IT Infrastructure, Digital Development & Information Security	- Conduct carbon inventories - Manage energy efficiency - Formulate carbon reduction plans
Social Engagement Task Force Corporate Strategy & Public Affairs	- Support philanthropic initiatives in disadvantaged communities, education, culture, and sports - Implement financial literacy education programs
Corporate Governance Task Force Corporate Strategy & Public Affairs, Legal Affairs & Compliance, Internal Auditing, Finance	- Promote corporate governance practices and integrity management policies - Ensure regulatory compliance, safeguard customer rights, and protect customer data - Oversee internal control and audit functions - Manage financial disclosure and information transparency - Strengthen stakeholder communication
Innovative Finance Task Force Equity Services, Fixed Income Services, Fund & Global Services, Issuer Services, Intermediaries Compliance & Inspection	- Promote innovative services in core business operations - Develop innovative financial products and services - Build a digital financial technology application environment
Employee Care Task Force General Administration	- Establish effective career development and training programs - Enhance compensation and benefits and foster a friendly workplace - Proactively establish effective employee communication channels
Responsible Finance Task Force Equity System Development, Fixed Income System Development, IT Infrastructure, Digital Development & Information Security	- Enhance information security mechanisms - Improve the stability and operational efficiency of core business systems - Develop digital financial technology application systems

1.3 SUSTAINABILITY PERFORMANCE

Awards and Recognitions



Executive Yuan "Outstanding Agencies for Cybersecurity Audit in 2023"



Ministry of Labor Work-Life Balance Award: Employee Care Category



National Brand Yushan Award: Best Product Category and Most Popular Brand Category



Taiwan Corporate Sustainability Awards: Sustainability Report Award and Performance Growth Leadership Award in Individual Dimensions



Asia Responsible Enterprise Awards: Green Leadership Award



CommonWealth Sustainability Citizen Award; CommonWealth Talent Sustainability Award

2024 ESG Performance



Actively implementing various initiatives to achieve net-zero emissions

- ISO 14064-1 Greenhouse Gas Inventory and Verification completed
- ISO 50001 Energy Management System certification obtained
- Comprehensive implementation of power-saving measures; Hungya Building achieved an energy saving rate of approximately 70%
- Published the first TCFD Report among affiliated organizations
- ISO 14068-1 Carbon Neutrality Standard verification completed
- Became the world's first central securities depository to declare carbon neutrality



Aligned with competent authority policies by integrating sustainability information management into the internal control system, thereby strengthening the Company's internal control and risk management framework

- SOPs for ESG Report Compilation, Assurance, and Verification
- SOPs for Greenhouse Gas Inventory, Assurance, and Verification
- Internal Control System for Sustainability Information Management
- Implementation Rules for Internal Audit



Promoting inclusive finance and enhancing financial literacy through lectures and workshop

- 17 financial literacy sessions for military personnel, with 1,863 participants
- 30 financial literacy sessions in schools, with 2,585 participants
- 10 sessions for elderly, with 578 participants
- "Formosa - Financial Literacy Classrooms" project: 41 sessions held, with 5,263 schoolchildren participating

Emphasizes the practice of corporate social responsibility by actively addressing social needs and fulfilling its social mission and values.

- Total charitable donations: NT\$197,211 thousand
- Assisted in the employment of 1,448 individuals

1.4 MATERIALITY ASSESSMENT AND STAKEHOLDER ENGAGEMENT

Note: * These are the 9 material topics of concern to stakeholders.

Listening to stakeholders and addressing the material topics they are concerned with is the core spirit of TDCC's sustainable development. The Company has established a materiality analysis model in accordance with the GRI Standards and the AA1000SES standard. Each year, TDCC identifies material sustainability topics relevant to its operations to understand the level of stakeholder concern for each topic, as well as the impact of each topic on TDCC's sustainable operations, serving as the basis for setting sustainability management goals.

1.4.1 STAKEHOLDER ENGAGEMENT

TDCC engages with stakeholders through communication and engagement mechanisms on a regular or ad-hoc basis. Communication channels include a dedicated stakeholder section on the official website and designated communication lines. The Company conducts due diligence on topics related to environmental, social (including human rights), and corporate governance aspects in order to accurately identify, prevent, mitigate, and explain actual or potential negative impacts and positive contributions.

Stakeholder	Importance to TDCC	Top 5 Impact Topics (Total of Positive & Negative Impacts)
Competent Authorities	TDCC operates as a government-licensed institution; many of its businesses require approval from competent authorities, and it must comply with regulatory supervision and inspection. Therefore, competent authorities are of utmost importance to the Company.	• Corporate governance and integrity management* • Compliance with policies and regulations* • Information security* • Risk management and communication* • Internal control and audit
Shareholders and Investors	The Taiwan Stock Exchange holds 50.59% of shares; other shareholders are mainly financial institutions. They focus on TDCC's business performance, corporate governance, and sustainability.	• Information security* • Compliance with policies and regulations* • Internal control and audit • Human rights and diversity • Risk management and communication*
Customers/Participants	As the main source of revenue, the Company aims to anticipate customer needs and co-create added value.	• Healthy workplace • Risk management and communication* • Information security* • Measures in response to climate change* • Talent development*/sustainable supply chain
Suppliers/Contractors	TDCC relies on strong supplier partners to provide quality, compliant products and services, building relationships based on mutual trust	• Healthy workplace • Measures in response to climate change* • Customer relations and rights protection* • Risk management and communication* • Human rights and diversity
Community	TDCC values the impact of community engagement on local development	• Customer relations and rights protection* • Operational Performance • Energy management • Talent cultivation and development* • Talent attraction and retention
Employees	A Company can only achieve sustainable operations and growth with an excellent management team and skilled talent. TDCC regards talent as its foundation and employees as valuable assets deserving of a healthy and equitable workplace.	• Information security* • Corporate governance and integrity management* • Compliance with policies and regulations* • Healthy workplace • Internal control and audit

Stakeholder Identification Process

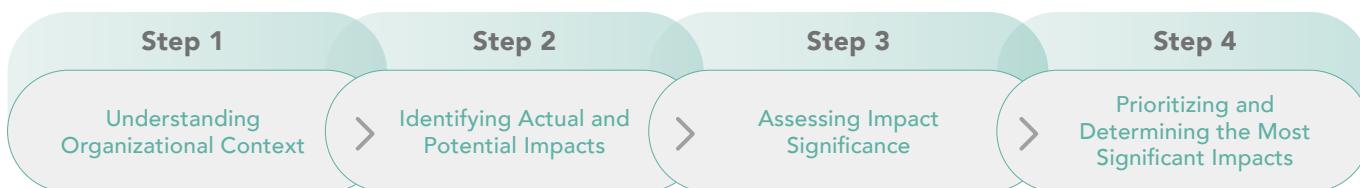
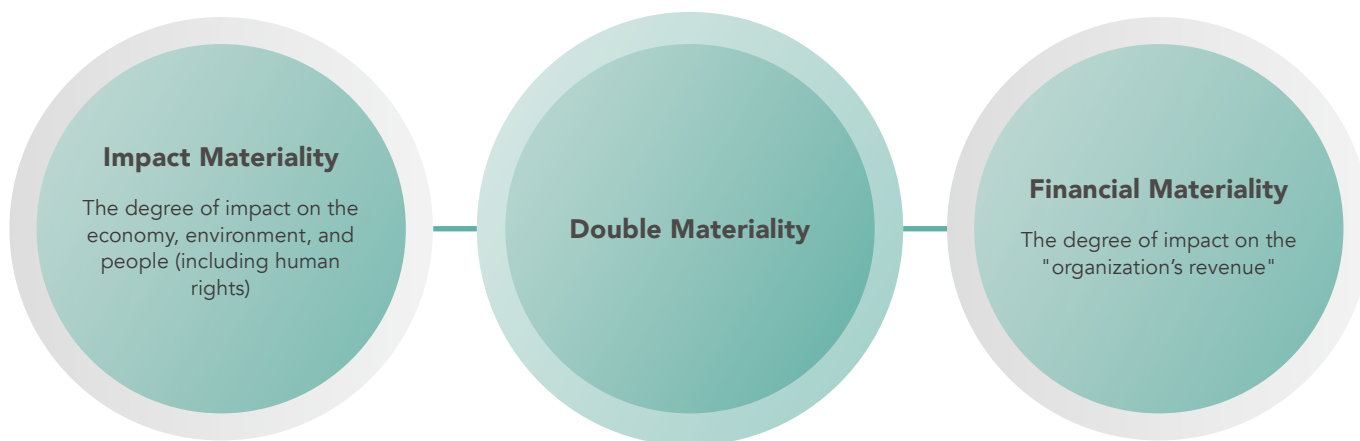
- Definition: Internal or external groups or individuals who affect or are affected by TDCC.
- Standard followed: The latest AA1000SES stakeholder engagement standard, based on five principles: Dependency, Responsibility, Tension, Influence, and Diverse Perspectives.
- Frequency: Once every three years.
- Method: Department heads across the Company are invited to evaluate and rank the importance of various stakeholders to identify those relevant to TDCC, subject to confirmation by the Sustainable Development Committee.
- Six key stakeholder groups: Competent authorities, shareholders/investors, customers/participants, suppliers/contractors, communities, employees.

Communication Channels & Frequency	2024 Engagement Outcomes
• Official correspondence (ad hoc) • Telephone (ad hoc) • Email (ad hoc) • Meetings and forums (ad hoc)	• Review the tasks instructed or commissioned by the competent authority and other government agencies outside the competent authority on a monthly basis, and provide updates on the implementation status. • In 2024, a total of 83 tasks approved by the competent authority and 27 tasks from other government agencies were carried out.
• Annual general meetings (annually) • Board meetings (monthly) • In-person communication, meetings, written or email/telephone (real-time) • TDCC Annual Report (annually) • TDCC website updates (ad hoc) • Establishment of a webpage message board on the official website (ad hoc) • Publications (bi-monthly/annually)	• Disclosure of AGM handbook, minutes, audio files, and financial reports on the official website • Engagement was conducted through the shareholders' meeting, during which 19 shareholder proposals related to corporate governance were raised and addressed individually • Engagement was conducted through the way of emails and calls, a total of 10 emails and 50 phone calls were made
• Industry association meetings (ad hoc) • In-person communication, meetings, written materials, phone calls (real-time) • Cooperate with the competent authority's inspections (ad hoc) • Outreach seminars (ad hoc) • Customer satisfaction survey (annually) • Publications (bi-monthly/annually) • e-Training digital learning platform (ad hoc)	• Participated in industry association meetings on business operations, corporate governance, and risk management • Held 41 business outreach seminars • Held 21 information security meetings, and conducted climate change impact assessments and response measures • A total of 313 emails were exchanged via the Company's official website
• External communication mailbox (real-time) • Operational communication (ad hoc) • In-person communication, meetings, written or phone (real-time)	• Held 17 procurement and infrastructure review meetings • Conducted special audits on "Secure development and outsourcing supervision of application systems"
• Business-related communication (ad hoc) • Event hosting (ad hoc) • Outcome sharing (ad hoc)	• Hosted 98 financial and investment education seminars
• Labor-management meetings (quarterly) • Employee suggestion forms and two-way communication (ad hoc) • In-person communication, written materials, phone calls (real-time) • Leadership meetings (weekly/monthly) • Internal EIP system, e-Training digital learning platform (ad hoc)	• Held 4 labor-management meetings • Held 4 sessions on changes in employee labor rights • A total of 16 compliance-related training sessions were conducted, with 1,017 participants.

1.4.2 MATERIAL TOPIC IDENTIFICATION AND RESPONSES

Impact Assessment and Prioritization of Material Topics

TDCC adopted the principle of double materiality for the identification of material sustainability topics. In accordance with the revised GRI Standards (2021) materiality identification process, the Company engaged both internal departments and external stakeholders to jointly assess the positive and negative impacts of various sustainability topics. Any topic identified as having either impact materiality or financial materiality was classified as a material topic. A total of nine material topics were identified this year. The analysis process and results are detailed as follows:



19 Sustainability Topics

- Issue Collection
 1. International sustainability standards and guidelines (GRI Standards and SASB)
 2. Industry issues, including those raised by international central securities depository organizations and domestic securities and financial sectors.
 3. Topics of concern specific to the Company, based on its business characteristics and operational context.
- Understanding the Issues

19 sustainability topics were identified through internal discussions and consultations with experts

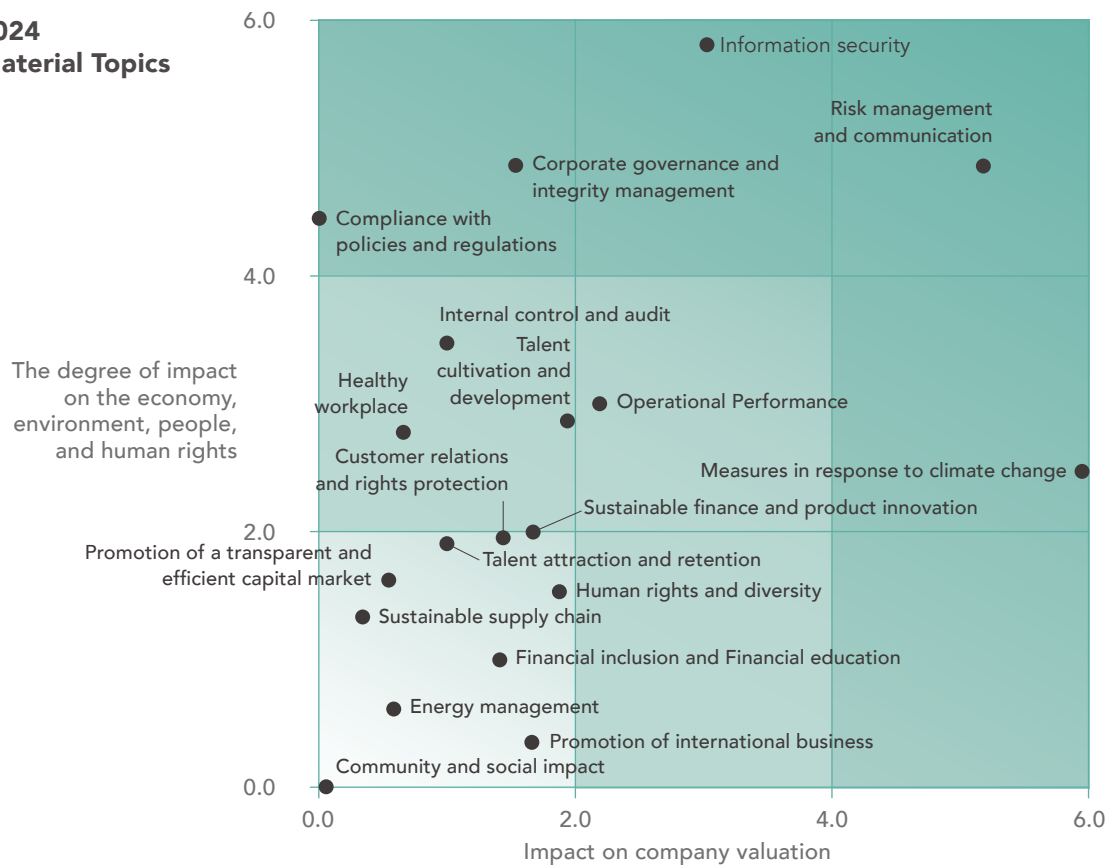
128 Internal and External Questionnaires

- Each department completed an impact assessment questionnaire based on how each sustainability topic affects the Company's value and long-term sustainability
- Each department assessed the level of impact of each sustainability topic on the Company's value and sustainable development
- Internal discussions were held to determine which stakeholders might be affected by each sustainability topic, and impact assessment questionnaires were distributed to stakeholders
- Both internal and external stakeholders participated in evaluating the relevance and impact level of sustainability topics

9 Material Topics

- Consolidate the evaluations of various sustainability topics from each department
- The top five issues ranked by their impact on organizational revenue and corporate sustainability, as well as stakeholder-assessed impact severity
- Sustainability issues were evaluated based on two criteria: impact materiality and financial materiality. Topics with an impact score exceeding 4 in either criterion were classified as material, resulting in five key topics. Following internal consultations, the company further incorporated four additional topics that have gained prominence and strategic focus in recent years
- After integrating the results of the comprehensive matrix assessment with internal departmental feedback, a total of nine material topics were finalized for 2024

2024 Material Topics



Sorting	Material Topic	Changes in Material Topics	Ranking Differences from the Previous Year
1	Risk management and communication	Maintained	↑ 3
2	Information security	Maintained	No difference
3	Measures in response to climate change	New Topic	↑ 16
4	Corporate Governance and Integrity Management	Maintained	↓ 3
5	Compliance with policies and regulations	Maintained	↓ 2
6	Talent cultivation and development	Maintained	↑ 1
7	Sustainable finance and product innovation	New Topic	↑ 5
8	Customer relations and rights protection	New Topic	↓ 3
9	Community and social impact	New Topic	↑ 12

Based on the analysis of survey results from department heads and stakeholders, five topics—Risk Management and Communication, Information Security, Climate Change Response Measures, Corporate Governance and Ethical Management, and Policy and Regulatory Compliance—each received an average score above 4, and are therefore identified as key sustainability topics.

In light of the company's recent efforts in recruiting digital talent, actively promoting innovative financial services, diversifying business operations, and investing in community resources, four additional topics—Talent Development and Training, Sustainable Finance and Product Innovation, Customer Relations and Rights Protection, and Community and Social Impact—have been included within the scope of material topics.

Furthermore, the 2023 material topics of Internal Audit and Control, Healthy Workplace, and Labor-Management Communication have been integrated into the company's routine operational management and are thus excluded from the current list of material topics.

In response to recent initiatives in digital talent recruitment, the establishment of sustainable information platforms, business diversification, and community engagement, the following topics have been designated as material sustainability issues: "Talent Cultivation and Development," "Sustainable Finance and Product Innovation," "Customer Relations and Rights Protection," and "Community and Social Impact."

In addition, the Company has set a target to reduce Scope 1 and Scope 2 greenhouse gas (GHG) emissions by 98.35% by 2030, and obtained ISO 14068-1 carbon neutrality certification in 2024. Through its carbon reduction roadmap, the Company continues to advance low-carbon operations, RE100 renewable energy transition, and actively seeks carbon offset cooperation opportunities. As departments increasingly prioritize climate-related issues, the topic of "Measures in Response to Climate Change" has risen significantly in importance and has been newly identified as a material topic for 2024.

1.4.3. IMPACT MANAGEMENT FOR MATERIAL TOPICS

In accordance with GRI Standards, TDCC discloses the material topics identified in 2024, along with related stakeholders, policies and commitments, targets, and communication mechanisms. These disclosures aim to meet stakeholders' expectations regarding TDCC's sustainable development.

Material Topic Category	Material Topic	Explanation of Positive/Negative Impacts and Materiality
Governance	Risk management and communication	Failure to implement daily risk management or establish early warning mechanisms and preventative measures may result in TDCC being unable to identify risks such as cybersecurity, regulatory risks, market volatility, and operational risks, thereby impeding effective response to emergencies. Effective risk management can mitigate the impact of risks on TDCC and reduce the likelihood of business disruptions.
	Information security	TDCC's daily operations rely heavily on information technology. With the rising frequency of cyberattacks, security breaches or technical errors may lead to the leakage of sensitive data or disruption of systems, severely affecting Taiwan's securities, futures, and bond markets. Therefore, strengthening the information security management system and application technologies further will enhance the resilience of our facilities. The aim is to prevent daily business operations from being disrupted by cybersecurity vulnerabilities or potential threats to investors' personal data privacy. At the same time, it ensures that relevant operational platforms can quickly defend themselves against cyberattacks and recover swiftly.
	Corporate Governance and Integrity Management	TDCC serves as a vital backend service institution for Taiwan's financial market, constituting an essential component of the financial infrastructure. Without a robust corporate governance system in place, management may struggle to effectively supervise and control daily business operations. This can result in a lack of transparency in decision-making and create opportunities for conflicts of interest and fraudulent activities. If TDCC's directors and supervisors uphold high standards of self-discipline and ethical integrity, and oversee internal management effectively, they will be able to maintain fair operational practices, thereby promoting a sound and trustworthy trading system.
	Compliance with policies and regulations	TDCC is subject to strict supervision by the relevant regulatory authorities and is classified as a financial institution that is required to implement anti-money laundering measures in accordance with the relevant regulations. Consequently, if the education and training of personnel is not effectively implemented, or if the whistleblowing reporting system is not sufficiently robust, gaps may arise in the auditing process. This could potentially lead to violations of policies and regulations. On the other hand, implementing stringent internal regulatory measures can raise employees' awareness of the rule of law, reduce fraudulent and unethical activities, protect the reputation of our country's trading market and encourage investment.
Environment	Measures in response to climate change	The daily operations of TDCC will be affected if climate change intensifies. For example, higher energy prices have resulted in increased operating costs. Also, the arrival of a powerful typhoon could result in trading market operations being suspended simultaneously, which would lead to the postponement of delivery and settlement activities. However, as the green and sustainable finance markets grow, enterprises are increasingly demanding sustainable data. TDCC can use its data management expertise to integrate public information and develop more targeted climate data services and analytical platforms. As part of our efforts to help businesses achieve their sustainability goals, we are also working to generate new sources of revenue for TDCC.

Corresponding GRI Topics & SASB Standards	Value Chain Impact Boundary			Management Effectiveness (Please Refer to the Following Chapter)
	Upstream	Taiwan Depository & Clearing Corporation	Downstream	
	Supplier/ Contractor		Customer	
Custom Topic	—	●	●	2.3 Risk Management
GRI 418: Customer Privacy				
FN-EX-550a.1. (1) How many times there were major market disruptions and (2) how long the downtime lasted FN-EX-550a.2. (1) Number of data breaches (2) Percentage of breaches involving personal data (3) Number of customers affected FN-EX-550a.3. Explanation of efforts to prevent technical errors, information security vulnerabilities and market disruptions	—	●	●	2.4.2 Cybersecurity Protection Measures 3.3.1 Customer Relationship Management
GRI 205-2: Communication and Training About Anti-Corruption Policies and Procedures GRI 205-3: Confirmed Incidents of Corruption and Actions Taken GRI 206-1: Legal Actions for Anti-Competitive Behavior, Anti-Trust, and Monopoly Practices GRI 405-1: Diversity of Governance Bodies and Employees				
FN-EX-510a.1. Total monetary losses arising from legal proceedings relating to fraud, insider trading, antitrust violations, unfair competition practices, market manipulation and other relevant financial industry laws and regulations. FN-EX-510a.2. Discussion of procedures for identifying and assessing conflicts of interest	—	●	—	2.1 Corporate Governance
Custom Topic	—	●	●	2.1.3 Integrity in Business Operations 2.2 Regulatory Compliance
GRI 201-2: Financial Implications and Other Risks and Opportunities Due to Climate Change TCFD climate-related financial disclosures	—	●	—	4.1 Climate Governance

Material Topic Category	Material Topic	Explanation of Positive/Negative Impacts and Materiality
Society	Talent cultivation and development	Failing to provide adequate training and development opportunities for employees will hinder their ability to enhance their professional competencies in line with market demands and technological advancements. This will ultimately impact work efficiency and quality. In contrast, establishing a comprehensive education and training plan will enhance employees' professional capabilities, promoting TDCC's sustainable development and innovative research.
	Sustainable finance and product innovation	In recent years, promoting the sustainable development of the financial market has emerged as a core policy for competent authorities. Failure to actively pursue the development of innovative financial technology application services may hinder TDCC's long-term operational growth potential. Conversely, if TDCC continues to monitor financial market trends, leverage the advantages of data technology and develop innovative services that align with the needs of regulatory authorities and institutional investors, it will contribute to the expansion of diverse business operations and create new service opportunities.
	Customer relations and rights protection	Customer relationship management is essential to the operations of TDCC, which is why the company has implemented a comprehensive CRM strategy. Failure to manage customer relationships adequately or protect their rights may result in penalties from regulatory authorities and lead to investor dissatisfaction, which could have a negative impact on the stability of the financial market. Building strong relationships with customers will enable TDCC to gain a better understanding of the needs and service gaps of regulatory authorities and institutional investors. By leveraging their feedback, we can enhance our service offerings and improve the quality of our services overall.
	Community and social impact	As a government-authorized institution, TDCC plays a role in public affairs. Failure to fulfil social responsibilities adequately could result in public pressure and community conflicts, which would ultimately damage the Company's reputation. Maintaining positive community relations is essential for TDCC to fulfil its corporate citizenship responsibilities and meet the expectations of its stakeholders. Furthermore, active participation in public welfare activities can enhance the Company's influence and serve as a catalyst, encouraging financial institutions in Taiwan to engage in social welfare initiatives and promote the common good.

Corresponding GRI Topics & SASB Standards	Value Chain Impact Boundary			Management Effectiveness (Please Refer to the Following Chapter)
	Upstream	Taiwan Depository & Clearing Corporation	Downstream	
	Supplier/ Contractor		Customer	
GRI 404: Training and Education 2016	—	●	—	5.2 Talent Cultivation
Custom Topic	—	●	●	3.2 Digital Innovation Services
GRI 417: Marketing and Labeling GRI 418: Customer Privacy	—	●	●	3.3 Market Expansion Strategy
Custom Topic	—	●	—	6.2 Social Welfare Practices

1.4.4. MATERIAL TOPICS AND GOALS

The Company supports the United Nations Sustainable Development Goals (SDGs) and seeks opportunities to expand TDCC's sustainability initiatives in line with these goals. By aligning with 13 specific SDGs, TDCC integrates its core competencies to progressively implement sustainability practices. Centered on its diversified services, the Company delivers technology-based products, platforms, and supervisory services to promote sustainable financial services in the market. While enhancing corporate competitiveness, TDCC also focuses on internal energy reduction and GHG inventory efforts to advocate green operations and

Dimension	Aligned SDGs	Material Topic	Policies and Commitments
Governance	   	Risk management and communication	In accordance with the "Regulations Governing Approval and Administration of Short-term Bills Clearing and Depository Organizations" and Article 2 of the Company's organizational rules, a comprehensive risk management structure has been established. The Board of Directors oversees the effective operation of risk management systems, while the Risk Control Committee, under the Board, supervises risk-related matters.
		Information security	Implement the "Privacy Policy" and "Information Security Policy" to build a secure IT environment. Leverage ICT security technologies to establish comprehensive and effectiveness protective mechanisms that ensure the confidentiality, integrity, and availability of information assets, safeguarding investor rights.
		Corporate Governance and Integrity Management	The Company has established policies such as the "Ethical Corporate Management Best Practice Principles for Directors and Supervisors" and "Employee Integrity and Ethics Guidelines." These regulations require all directors, supervisors, and employees to uphold high standards of self-discipline and maintain impartiality in their duties. This fosters an honest, transparent corporate culture and promotes sound business operations.
		Compliance with policies and regulations	The Company strictly abides by laws and regulations governing securities, bills, and futures, and commits to adapting internal procedures and rules in response to regulatory changes to meet competent authorities' requirements.
Environment	  	Measures in response to climate change	The Board of Directors serves as the highest supervisory body for risk management, identifying the impacts of climate change as a major corporate risk. Through the Sustainable Development Committee and the Risk Control Committee, the Company implements its sustainability policy and climate-related commitments by managing climate risks and opportunities.

management. Upholding a people-centered approach, TDCC is committed to employee and family well-being by fostering a healthy, diverse, and inclusive workplace culture. Externally, it nurtures financial talents and engages with rural areas to support the next generation in Taiwan, deepening TDCC's connection with society and exerting its influence across finance, the market, and the community in joint pursuit of global sustainable development.

Actions/Objectives		2024 Performance
Conduct periodic assessments across risk categories, develop response strategies and improvement plans, and set completion dates.		Achieved. Please refer to Chapter 2.3 Risk Management.
- In the event of a critical infrastructure disruption, operations will be restored to a minimum acceptable service level within the maximum tolerable downtime. - For all anomalies in critical infrastructure information operations throughout the year, internal reporting must be completed in accordance with the "Internal Audit Procedures for Each Unit" and the "Internal Reporting Timeline Table for Information Operation Anomalies." - The click rate on phishing email simulations must be $\leq 3\%$ to prevent risks such as malware, ransomware, or virus infections. - Biannual reviews of information equipment, systems, file servers, cloud services, IoT devices, and vendor user accounts are to be conducted. - Regular reviews must be conducted on password policies and system control improvements for accounts not conforming to password principles or excluded from system controls. - Throughout the year, the number of instances where system or device account permissions were found noncompliant with the "Account Management Procedure" through audits.		- In the event (or no such event) of a critical infrastructure disruption, operations will be restored to a minimum acceptable service level within the maximum tolerable downtime of 1.67 hours. 100% internal reporting completion rate. - All phishing email simulations throughout the year met the $\leq 3\%$ threshold for open and click rates. - Review operations were completed for both the first and second half of the year by all departments. - Password-related annual review tasks for information systems and devices were completed. - Annual measurement results met target values.
The management promotes company operations with a fair and objective attitude while maintaining a professional stance, thereby strengthening the protection of shareholders' and investors' rights and interests.	- Implement 82 internal audit items. - No incidents of corruption occurred.	Achieved. Please refer to Chapter 2.1 Corporate Governance 、 2.2 Regulatory Compliance.
It ensures full compliance with all relevant laws and regulations on securities, bills, futures, personal data protection, and anti-money laundering, maintaining a record free from regulatory penalties throughout the year. The Company actively supports government policies on anti-money laundering and countering terrorism financing, and continuously implements measures aligned with policy and legal developments.		Achieved. Please refer to Chapter 2.2 Regulatory Compliance.
- Proportion of renewable energy used - Compliance with ISO 14068-1 to achieve the carbon reduction roadmap - Positive growth in the number of users of sustainable finance-related services and products		- In 2024, green energy accounted for 67% of the total electricity consumption at the Hong Ya Building and 11% across all company sites. - Achieved the annual reduction target of 5.25% - Continuously improved the ESGIR platform - Piloted the Scope 3 emission calculation tool for financial institutions

Dimension	Aligned SDGs	Material Topic	Policies and Commitments
Society	  	Talent cultivation and development	The Company established the "Personnel Management Guidelines," adhering to the belief that "talent is the Company's greatest asset." It continues to invest in talent development through digital learning programs that help accumulate innovative knowledge in technology and accelerate workforce growth, laying a solid foundation for service enhancement and sustainable development.
		Sustainable finance and product innovation	The Company upholds three key visions: "enhancing the centralized custody platform for financial assets," "leading digital innovation in financial services," and "advancing the sustainable development of financial markets." It employs agile development to create innovative services, proactively responds to policy and market needs, and expands the scope and application scenarios of TDCC's services.
		Customer relations and rights protection	The Company established the "Customer Relationship Management Procedures", considering customer service as a top business priority. It takes a customer-centric approach to protect customer rights and privacy and ensure the security of the service infrastructure. The Company provides channels for customer complaints and inquiries, such as direct phone lines and counter services, to address issues promptly. Furthermore, we have also developed online digital platforms for data access and download, offering clients the latest information and quality services.
		Community and social impact	In accordance with the Company's "Charitable Donations Management Guidelines", TDCC plans recipient organizations, donation amounts, and associated projects or activities. Clear specifications are set for how funds will be used, along with implementation and performance evaluations.

Actions/Objectives		2024 Performance
• Talent Recruitment: The Company has developed a robust recruitment system to attract professionals with expertise in digital finance, innovation, and teamwork to meet the needs of the digital finance era. • Talent Development: It has created a comprehensive, optimized training program and implemented a performance evaluation mechanism. • Talent Retention: The Company provides diverse employee benefits, maintains open labor-management communication channels, promotes a safe and healthy workplace, and fosters a friendly and inclusive environment.		• The average training hours per employee reached 37.24 hours. Please refer to Chapter 5.2 Talent Cultivation
• Optimizing traditional core businesses to enhance operational efficiency • Assisting the financial industry in sustainable transformation, and committed to building the most advanced and comprehensive financial infrastructure • Promoting responsible innovation and expanded cross-sector application scenarios		• Achieved. Please refer to Chapter 3.2 Digital Innovation Services
• Customer satisfaction surveys are conducted regularly, with an average score exceeding 80 points. • Core business operations remained stable with no significant deficiencies • Completion rate for internal customer service training courses reached 100%	• Continuous growth in the number of users and institutions using digital services, with no significant decline • Number of business promotion sessions held	• The customer satisfaction survey resulted in an average score of 91.54. • No major deficiencies occurred • 100% training completion rate • Promotion of e-services (eVoting, eMeeting, eNotice) experienced steady user or client growth without decline • Held 4 business promotion sessions
• Promoted philanthropic initiatives in the areas of disadvantaged groups, education, arts and culture, and sports		• Achieved. Please refer to Chapter 6 Spreading Love through Public Welfare



CH2

Upholding the value of integrity

TDCC continues to pursue its goal of sustainable operations by instilling a corporate culture of integrity and honesty, ensuring these values are consistently reflected in the actions and service mindset of both management and general employees. Through the implementation of the Business Code of Conduct, Guidelines for Employee Ethics, and Quality Policy, the Company has designed diverse training programs for new hires, current employees, senior executives, and even members of the Board of Directors. By promoting integrity in business operations, alongside practical actions and performance in legal compliance, anti-corruption, and anti-money laundering, the Company strives to enhance public trust and recognition.

② 2.1 Corporate Governance

② 2.2 Regulatory Compliance

② 2.3 Risk Management

② 2.4 Information Security

Alignment with the United Nations Sustainable Development Goals (SDGs)



Material Topics and Corresponding GRI Standards

GRI 205: Anti-corruption
 GRI 206: Anti-competitive Behavior
 GRI 405: Diversity and Equal Opportunity

Corresponding Material Topics

Risk management and communication
 Information security
 Corporate Governance and Integrity Management
 Compliance with policies and regulations

Priority Stakeholders

Competent authorities
 shareholders/investors
 clients/participants
 employees

2.1 CORPORATE GOVERNANCE

The Company is committed to establishing a culture of integrity and transparency, strengthening its corporate governance framework in line with regulatory policies and global sustainability trends. By integrating corporate governance, risk management, and internal control, the Company has established a sound sustainability information management system. It adopts a top-down approach to lead the organization in deepening and implementing sustainable governance.

2.1.1 GOVERNANCE STRUCTURE AND KEY DRIVERS

Board Composition and Background

The Board of Directors is the highest governing body of TDCC. All board members are corporate representatives elected by the shareholders' meeting in accordance with the law:

Directors: 7 members, representing the Taiwan Stock Exchange, Yuanta Securities Finance Co., Ltd., and KGI Securities Co., Ltd.

Supervisors: 3 members, representing the Taiwan Securities Association and the Futures Exchange, including one standing supervisor.

Term: Directors and supervisors each serve a three-year term.

Expertise: The board members possess expertise in finance, accounting, law, and public finance, and are distinguished professionals from the financial market, academia, and industry. They bring independence and a public-interest perspective, guiding and supervising TDCC's management in key decision-making and ensuring effective performance across departments. All ESG-related initiatives and implementation results are confirmed by the Sustainable Development Committee and reported annually to the Board of Directors through the Sustainability Report.

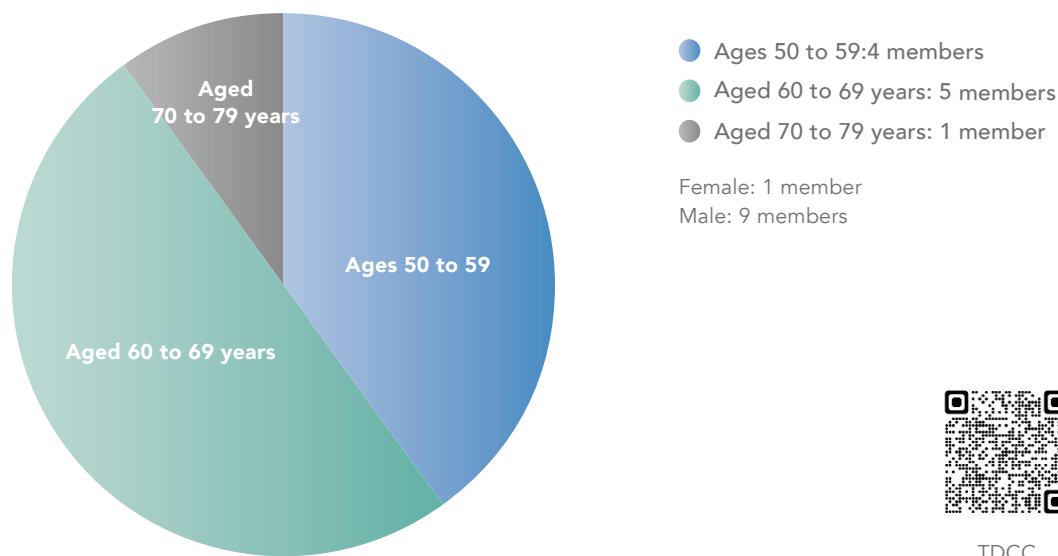
Board Election System

The Chairperson is elected by the Board of Directors. The election of directors and supervisors is conducted by open ballot. Candidates receiving the highest number of votes in descending order are elected accordingly. The 12th term of directors and supervisors is from June 24, 2022, to June 23, 2025.

The detailed roster of the directors, supervisors and the list of shareholder representatives are as follows:

The detailed roster of the directors, supervisors and the list of shareholder representatives		
Title	Name	Shareholder Represented
Chairman	Bing-Huei Lin	Taiwan Stock Exchange Corporation
Director	Sherman Lin	Taiwan Stock Exchange Corporation
Director	Daniel Chen	Taiwan Stock Exchange Corporation
Director	Chao-Liang Kuo	Taiwan Stock Exchange Corporation
Director	Hung-Tu Liao	Taiwan Stock Exchange Corporation
Director	Yi-Ming Wang	Yuanta Securities Finance Co., Ltd.
Director	Falco Mi	KGI Securities Co., Ltd.
Standing Supervisor	Cheng-En Chan	Taiwan Securities Association
Supervisor	Chung-Che Huang	Taiwan Securities Association
Supervisor	Hsiu-Fen Hung	Taiwan Futures Exchange

Age Distribution of Directors and Supervisors



Functional committees

To enhance the oversight and management capabilities of the Board of Directors, TDCC has established the following committees under the Board: the Sustainable Development Committee, the Risk Control Committee, the Research, Development, and Fee Committee, and the Fund Market Research and Development Consultation Committee. Their respective responsibilities and 2024 operational performance are as follows:

Committee	Main Responsibilities	2024 Operations
Sustainable Development Committee	- Review and approve annual sustainable development plans and strategic directions - Review or acknowledge implementation plans for sustainability initiatives - Review the Sustainability Report - Review or acknowledge other matters related to sustainable development	Held 2 meetings with an average attendance rate of 100%
Risk Control Committee	- Review risk control standards and self-assessment reporting mechanisms for participants - Review risk control mechanisms in custodial, clearing, and settlement business processes, IT systems, and workflows between TDCC and its participants	Held 2 meetings with an average attendance rate of 87.5%
Research, Development, and Fee Committee (Equity Products Unit and Fixed Income Products Unit)	- Plan business development strategies and operational guidelines - Review new business initiatives - Review major business changes - Review service fee standards for custody, registration, book-entry, and settlement services	Both Equity and Fixed Income Units held 2 meetings each, with an average attendance rate of 94.23%
Fund Market Research and Development Consultation Committee	- Provide consultation and advice on fund market development, product design, and back-end operations - Advise on business planning, marketing strategies, and fee structures for TDCC's fund-related subsidiaries	Held 2 meetings with an average attendance rate of 89.28%

Board Participation in Sustainability Issues

Each department of the Company submits major proposals to the Board of Directors for review or reporting in accordance with the Board Operational Procedures, Organizational Planning Procedures, Rules Amendment Procedures, and operational or regulatory needs. This ensures timely communication and informed decisions by the Board. In 2024, a total of 43 major sustainability-related issues were reported to or reviewed by the Board, classified under ESG as follows:

Key ESG Topics Reviewed by the Board in 2024	
 E	Establishment of a Scope 1 and 2 carbon emissions reporting platform for the financial sector
	TDCC awarded a carbon neutrality certificate, becoming the world's first CSD to achieve carbon neutrality
	Signed MOU for the Indigenous Township Carbon Sink ESG Public Welfare Platform with the Taiwan Successive Indigenous Township Mayor Association
 S	Launch of eNotice service for ETF income distribution
	Promotion of open finance
	Implementation of multi-factor authentication for TAQ client identities
	Official launch of the "ETF Information Hub" information integration portal on June 28
	Passed ISO/IEC 27001:2022 certification
	TDCC e-Passbook App surpassed 5 million users
	First Taiwanese company to receive CBPR certification
	Risk-based streamlining of investor waiver processes
	Progress on business promotion by FundRich Securities
	Planning for the Taiwan Individual Savings Account (TISA) inquiry platform
	Advancement of open finance (Open Banking 3.0 and Open Securities 2.0)
	Continuous optimization of the "ETF Information Hub" with new data and dividend features
	"The eFastChannel Platform" was launched to allow securities clients to apply for mobile passbooks
	Designed the eCounter platform development for digital shareholder services
	The first ETF beneficiary meeting to use eVoting received enthusiastic responses from beneficiaries, resulting in an electronic voting participation rate of 86%



Optimization of public tender offer payment control procedures
Promotion of the Onshore Fund Centralized Clearing Platform for domestic funds to improve overall fund settlement efficiency
Report on the promotion of Shareholder meeting registration and video-assisted meeting services
Proposal on the usage of eVoting and eMeeting continued to grow and set new records
Proposal on strengthening mechanisms to handle increased short-term bond trading volume due to emergency holidays
Collaborated with National Taipei University and SinoPac Securities Investment Service to create a Taiwan ESG rating brand
Proposal on hosting investor service seminars
Proposal on TDCC's delegation visit to Japan: Strengthening collaboration with Japanese CSDs and delivering fruitful outcomes
Proposal on enhancing ETF service functionality
Launch of "Easy Inquiry," a dynamic settlement status inquiry platform for bills and bonds
Policy to accommodate foreign investors with new securities disposal measures
Expand the scope of cross-border custody services for delegated securities to encompass the settlement and custody of sub-custodian securities
Proposal on relocation of Nangang office site
Research on Real World Asset (RWA) tokenization and participation in Central Bank Digital Currency (CBDC) projects
Promotion of the Onshore Fund Centralized Clearing Platform for domestic funds to improve overall fund settlement efficiency
Entrusted by the competent authority to conduct the administrative review of domestic and offshore fund offering applications
Official launch of the national team for TDCC delegated cross-border custody services; securities firms initiated custody transfer operations
Launched the Settlement Instruction Transmission Platform between investment trust companies and custodian institutions
Assisted securities firms in establishing TDCC back-office operation centers
Regulatory approval granted for securities firms to engage in stock subscription lending services
System optimization in coordination with the operational development of peripheral institutions
Trial launch of the ESGIR platform providing digital due diligence governance services for investor relations
Signed an agreement with ISS to provide proxy advisory reports covering more than 1,300 listed companies in Taiwan
Participated in the Annual Conference of the Asian Corporate Governance Association (ACGA) to engage with foreign investors on Taiwan's corporate governance achievements
Joined international organizations such as the International Capital Market Association (ICMA) to enhance Taiwan's visibility on the global stage
Promoted AI-driven digital transformation initiatives

2.1.2 BOARD OPERATIONS

Note: The content of this section does not include FundRich.

Remuneration Policy and Decision-making Process

- In accordance with Article 25 of the Company's Articles of Incorporation, the remuneration of the Chairperson, Directors, Standing Supervisors, and Supervisors shall be determined by the Shareholders' Meeting.
- Remuneration of Senior Executives
- Directors and Supervisors: These positions are non-salaried. No salary or remuneration is provided, only attendance fees and transportation allowances as appropriate.
- Chairperson and President:
 1. Salaries are determined in accordance with the "Salary Standards for Chairpersons and Presidents Appointed or Nominated by the Financial Supervisory Commission (FSC) to Enterprises, Foundations, and Their Investee Companies."
 2. The total fixed compensation (monthly salary and executive allowance) for the Chairperson and President shall not exceed twice the total fixed compensation of the Chairperson and President of Bank of Taiwan.
 3. The total variable compensation (performance bonuses and other types of bonuses) shall not exceed the total fixed compensation.
 4. Severance and retirement benefits are handled in accordance with the Company's "Guidelines for the Custody, Management, and Distribution of Employee Retirement Funds," and do not include clawback provisions.
- The ratio of the highest individual total annual compensation to the median total annual compensation of all other employees was 4.01 times. The ratio of the percentage increase in the highest individual total compensation to the median percentage increase for all other employees was 0.80 times.

Continuing Education for Directors

In 2024, all directors and supervisors completed more than the six-hour minimum training recommended by law. Training topics organized by the Company included: Global Carbon Governance, Voluntary Carbon Offsets and Integrity Standards, ESG Activity Classification Guidelines, ESG Performance Evaluation, Task Force on Climate-related Financial Disclosures (TCFD), Nature-based Carbon Sinks and Carbon Credit Methodologies, to enhance the ESG-related knowledge of directors, supervisors, and all employees.

Director Attendance

In 2024, the Board convened 12 regular meetings and 2 extraordinary meetings, all chaired by the Chairperson, with a 100% overall attendance rate.

Board Performance Evaluation

- Evaluations were conducted in accordance with the "Guidelines for the Evaluation of Performance of Responsible Persons Appointed or Nominated by the FSC to Foundations, Enterprises, and Their Investee Companies."
- The Chairperson and President are required to complete a self-evaluation annually based on a standard performance evaluation form.
- Evaluation criteria include: attendance at Board meetings, achievement of business objectives, implementation of government policies, notable accomplishments, and other areas for improvement.
- Results must be submitted to the Securities and Futures Bureau of the FSC by April 15 each year. Upon review, the bureau reports the results to the FSC.

Conflict of Interest Avoidance

- Under the "Ethical Corporate Management Best Practice Principles for Directors and Supervisors," all directors and supervisors must adhere to principles of self-discipline and integrity. When a Board proposal involves a conflict of interest with the director or their representing institution, the director must disclose the material nature of the conflict and recuse themselves from both discussion and voting.
- In accordance with the Act on Recusal of Public Servants Due to Conflicts of Interest, any director who encounters a conflict of interest as defined in Article 4 of the Act must submit a "Self-Recusal Notification under the Act on Recusal of Public Servants Due to Conflicts of Interest" to the Board and recuse themselves accordingly.
- Board meeting minutes are filed with the competent authority within five days of each meeting.
- In 2024, one disclosure related to conflict of interest was submitted to the Control Yuan via the "Public Officials' Conflict of Interest Disclosure and Affiliated Transaction Transparency System."

2.1.3. INTEGRITY IN BUSINESS OPERATIONS

TDCC places great importance on integrity and anti-corruption. It has established the “Ethical Conduct Guidelines for Employees of the Taiwan Depository & Clearing Corporation” to regulate employees’ conduct in handling gifts or benefits, participating in banquets and social events, and avoiding conflicts of interest. The guidelines also cover the prevention of lobbying and undue influence, with the aim of promoting fairness and impartiality in the performance of duties. All employees strictly comply with relevant corporate self-regulatory guidelines and actively participate in training programs, thereby fostering a highly ethical and self-disciplined operating environment.

In addition, TDCC organizes annual awareness and training programs on corporate integrity and anti-corruption regulations, which cover directors, supervisors, and all employees, to ensure full compliance with internal self-regulatory codes and to build a high-integrity and self-governing business culture.

2024 Corporate Integrity and Anti-Corruption Training

Target	Frequency and Format	Number of Trainees	Coverage Rate (%)
Directors/ Supervisors	At least 1 hour of training hosted by TDCC or an external organization on integrity management related practices	10 people	100%
All Employees	3 hours of training on anti-money laundering, counter-terrorism financing, whistleblower policies, and ethics	496 people	94%

Note: Employees who were on domestic or international business trips, unpaid leave, or extended sick or maternity leave were excluded from the training participation data.

TDCC has established the “Whistleblower Case Handling Guidelines” and implemented a whistleblowing mechanism to encourage employees to report any instances of criminal conduct, fraud, or violations of laws and regulations. The Company has designated an Internal Auditing with independent authority to be responsible for receiving and investigating whistleblower cases. In addition, the whistleblowing system has been incorporated into the Company’s internal control system to enhance sound corporate governance. In 2024, the Company recorded no incidents of corruption, nor any involvement in anti-competitive, antitrust, or monopolistic practices, and no related lawsuits occurred.

FundRich

FundRich has established the “Code of Ethical Conduct for Internal Personnel”, which stipulates that directors, supervisors, managerial officers, and all employees shall treat customers, vendors, competitors, and fellow employees fairly and shall not exploit their positions to obtain any form of improper benefits. This is to embody the Company’s core values of integrity and anti-corruption. In addition, under the provisions of its whistleblowing mechanism, the Company encourages both internal and external parties to report any illegal, unethical, or dishonest behavior. A unit with independent authority has been designated to handle and investigate all reported cases. The whistleblowing system has also been incorporated into the internal control system to ensure and enhance sound corporate governance. In 2024, FundRich recorded no incidents of corruption, nor any involvement in anti-competitive, antitrust, or monopolistic practices, and no related lawsuits occurred.

2.2. REGULATORY COMPLIANCE

Regulatory compliance is the foundation of corporate operations. To ensure thorough implementation of regulatory compliance, the Company continuously monitors policies and regulations relevant to its business. Through procedures such as regulatory inventory, updates, identification, and compliance review, the Company implements a compliance system to ensure the effectiveness and continuity of its compliance efforts.

2.2.1 REGULATORY COMPLIANCE MANAGEMENT

Taiwan Depository & Clearing Corporation

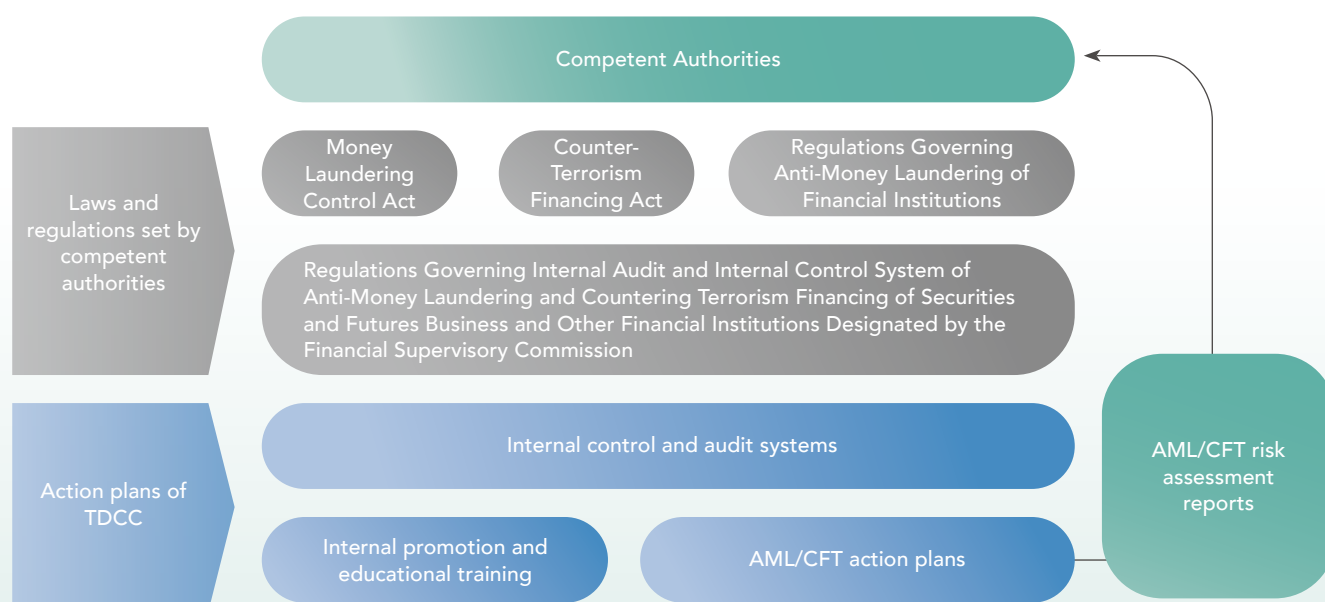
As a financial institution subject to high regulatory oversight, Taiwan Depository & Clearing Corporation (TDCC) is classified under Item 15, Paragraph 1, Article 5 of the Money Laundering Control Act as a financial institution required to fulfill anti-money laundering (AML) obligations. Accordingly, TDCC must comply with the Money Laundering Control Act, the Counter-Terrorism Financing Act, and the Regulations Governing Anti-Money Laundering of Financial Institutions. TDCC actively participates in relevant training programs and meetings organized by competent authorities and continues to fulfill regulatory requirements through revisions of its internal rules and systems. In 2025, TDCC had no record of any major penalties imposed by regulatory authorities for violations of AML regulations, financial supervision-related laws, or laws concerning economic (products and marketing), social (labor and human rights), or environmental protection.

Note: A major penalty refers to a single incident in which the cumulative amount of fines imposed reached NT\$1 million or more.

TDCC has established three compliance initiatives regarding regulatory compliance:

- Real-time tracking and communication of regulatory updates: The Company checks daily for any proposed amendments by competent authorities to applicable regulations. The relevance of such regulations to TDCC's business is assessed, and follow-up procedures are executed in accordance with the Legal Affairs Procedure Manual.
- Internal rules are revised as needed to align with higher-level regulatory amendments, the introduction of new business operations, or changes in operational processes.
- All new business plans are reviewed for regulatory compliance to ensure innovation and diversification while remaining aligned with governmental standards.

AML and CFT Compliance Framework of TDCC



In addition, to support securities firms and shareholder services units in regulatory compliance and internal control implementation, TDCC began providing guidance to securities firms as early as 1995. Starting the following year, it commenced audits in collaboration with the Taiwan Stock Exchange and Taipei Exchange. Through two-way communication, TDCC strengthened the legal awareness of frontline employees, helping prevent potential regulatory violations. Since 1998, in coordination with competent authorities, TDCC has also assisted in formulating standardized internal control procedures for shareholder services units and has been commissioned to conduct compliance audits on their operations. Although securities firms and shareholder services institutions already follow established standards, TDCC continues to promote legal awareness each year through briefings, explanatory meetings, and training sessions, thereby enhancing the legal literacy of the broader community and of all TDCC employees and reinforcing the foundation of a sound compliance framework.

FundRich

To ensure that its operations are compliant with applicable laws and regulations, FundRich strengthens internal adherence to compliance policies and codes of conduct through awareness promotion and education and training initiatives. In accordance with Paragraph 1, Article 5 of the Money Laundering Control Act, FundRich is classified as a financial institution obligated to implement anti-money laundering (AML) measures. It is therefore required to comply with the Money Laundering Control Act, the Counter-Terrorism Financing Act, and the Regulations Governing Anti-Money Laundering of Financial Institutions. FundRich also carries out AML and counter-terrorism financing (CTF) implementation procedures pursuant to Article 5 of the Regulations Governing Internal Audit and Internal Control System of Anti-Money Laundering and Countering Terrorism Financing of Securities and Futures Business and Other Financial Institutions Designated by the Financial Supervisory Commission. In 2024, FundRich had no record of penalties imposed by competent authorities for violations of AML regulations or for violations of economic (product and marketing), social (labor and human rights), or environmental (environmental protection) laws.

Regulatory Compliance Events in 2024

Laws and Regulations	Violation Description	Penalty Amount	Remedial Action
Article 178-1, Paragraph 1, Subparagraph 4 of the Securities and Exchange Act	FundRich violated certain information security management standards for securities firms by failing to fully implement internal control systems	NT\$300,000	The deficiency was rectified by the end of 2024, and the relevant investigation report was approved by the Board of Directors.

2.2.2. INTERNAL CONTROL AND AUDIT SYSTEM

Internal control systems and internal audit mechanisms

TDCC has adopted internal control systems in accordance with the “Regulations Governing the Establishment of Internal Control Systems by Service Enterprises in Securities and Futures Markets” issued by the competent authority, and such systems have been approved by the Board of Directors. An Internal Audit Office, which reports directly to the Board, is responsible for auditing the operations of all departments. The office assists the Board and management in investigating and assessing the effectiveness of internal controls, provides timely recommendations for improvements, and ensures the internal control system remains effective.

In 2024, a total of 367 audits were conducted across various departments. All audit results were in compliance with TDCC’s internal control requirements, with no significant deficiencies found. Any operational issues identified during audits were promptly addressed by the responsible units and did not impact the Company’s operational objectives.

FundRich submits its annual audit plan and execution status to TDCC. In accordance with regulations, TDCC conducts at least one audit of FundRich annually. Internally, FundRich conducts regular audits and submits reports to its Supervisors for review, presents findings to the Board of Directors, and ensures the completion of internal control self-assessments by all departments. FundRich conducted 79 audit items in 2024, with a total of 756 audit instances. Results are regularly reported to supervisors and presented to the Board each quarter. All departments also complete an annual internal control self-assessment.

Integration of Sustainability Information Management into Internal Control

In 2024, TDCC completed revisions to its internal control system for sustainability information management. This included updating the operating procedures for the preparation and verification or assurance of sustainability reports, as well as for the inventory and verification or assurance of greenhouse gas emissions. These revisions formally incorporated the management of sustainability-related information into TDCC’s internal control framework.

2.3 RISK MANAGEMENT

Note: The content of this section does not include FundRich.

Risk Identification and Management Measures

Based on the ISO 22301 Business Continuity Management System, the company conducts an annual risk assessment of business continuity topics. Risks are updated regularly in response to changes in the operating environment and international sustainability standards, strengthening our ability to respond to emerging risks such as climate change, human-caused disasters, and military threats.

The risk identification covers 14 categories, including natural disasters (earthquakes, typhoons), extreme weather (heavy rain, lightning), human-caused disasters (disease outbreaks, explosions), military threats (extreme scenario risks), and cybersecurity incidents (virus infections, hacking). Each risk is described through scenario analysis, and risk treatment strategies are developed based on the worst-case scenario. These strategies include insurance transfer, risk control measures, and contingency plans.

All identified risks are integrated into preventive controls and post-event response plans to ensure uninterrupted critical operations and minimize the scope and duration of negative impacts. By identifying potential business continuity risks related to the clearing and settlement system, we manage and mitigate risks affecting IT operations and business continuity to an acceptable level, ensuring normal service operation.

The following outlines key risk categories and their management measures:

Internal / External	issue categories	Threat event	Worst Case	Risk Management Methods		
				Risk Transfer through Insurance	Risk Control	
					Preventive Control	Incident Response Plan
External	Natural disasters	Earthquake	1.The earthquake causes casualties at the Hong Ya Building. 2.The building remains intact, but facility damage disrupts operations beyond the allowable downtime; personnel access may be impeded. 3.External power and network outages caused by the earthquake disrupt operations beyond the allowable downtime. 4.Offshore earthquake damages submarine cables, impairing international internet, leased lines, voice services, and critical financial system operations.	Employee Benefits Insurance 、 Comprehensive Electronic Equipment Insurance 、 Commercial Fire Insurance (including Earthquake Insurance)	- Prepare in advance lighting equipment, communication devices, essential spare parts, batteries, tool kits, survival supplies, etc. - Develop incident response and reporting mechanisms in advance. - Conduct fire evacuation drills.	- Abnormal Situation Handling Manual (General Section) - Abnormal Situation Handling Manual (Information Technology Section) - Information Security Incident Reporting and Response Procedures
External	Extreme weather and natural disasters	Typhoon impact	1.The typhoon caused casualties in the Hong Ya Building. 2.Heavy rainfall from the typhoon or storm caused flooding, making the Hong Ya Building inaccessible. 3.Heavy rainfall from the typhoon or storm caused flooding, resulting in a power outage.	Employee Benefits Insurance 、 Comprehensive Electronic Equipment Insurance 、 Commercial Fire Insurance (including Typhoon and Flood Coverage)	- Prepare in advance lighting equipment, communication devices, essential spare parts, batteries, tool kits, and survival supplies. - Develop incident response and reporting mechanisms in advance. - Conduct tabletop exercises for typhoon and flood scenarios.	- Abnormal Situation Handling Manual (General Section) - Abnormal Situation Handling Manual (Information Technology Section) - Information Security Incident Reporting and Response Procedures

TDCC has established a complete risk management organizational structure. We supervise the effective operations of our risk management system and mechanism through the governance of the Board of Directors and have established a Risk Control Committee under the Board of Directors to monitor risk management matters. We have also adopted the Taiwan Personal Information Protection and Administration System (TPIPAS) to control the risks associated with personal data, an information security management system, a quality management system, and an internal control and audit system to ensure the security of our business operations.

Risk Control Committee	To effectively manage the risks associated with clearing and settlement operations, the Risk Control Committee convenes regularly every six months and may hold ad hoc meetings when necessary. The Committee primarily focuses on monitoring and evaluating risks related to the custody, clearing, and settlement business processes, IT systems operations, and the risk control mechanisms between TDCC and its participants. It also reviews the standards for participant risk control and the self-assessment reporting mechanisms. In 2024, topics such as the backup drill for the bond clearing and settlement system, the adoption of phishing website detection and takedown services, and the establishment of an Information Security Monitoring Center were submitted to the Risk Control Committee for oversight.
Business Continuity Plan (BCP)	Since 1997, TDCC has compiled an "Emergency Response Manual" and conducted drills based on different contingency scenarios. In 1999, in response to the "Information Security Management Directions for Executive Yuan and its Subordinate Agencies" issued by the Research, Development and Evaluation Commission, TDCC formulated its own "Business Continuity Plan (BCP)," including operational continuity strategies. A Business Continuity Taskforce was also formed to oversee coordination and resource allocation, clearly defining tasks and responsibilities for pre-incident protection, real-time response, and post-incident recovery. Each year, TDCC conducts BCP drills simulating scenarios such as natural disasters, man-made incidents, and infectious disease outbreaks to ensure uninterrupted operations of its business and information systems. These drills confirm the readiness of all backup equipment, facilities, and systems, and enhance the preparedness of key personnel and their backups in responding to abnormal events.
National Critical Infrastructure Protection Plan	As a provider of national critical infrastructure, TDCC is classified under the securities sub-sector of the financial domain in the national critical infrastructure framework. Risk assessments cover natural disasters, human-induced hazards, military threats, cyberattacks, and disruptions to key resources. TDCC has developed a protection plan for national critical infrastructure, established reporting and alert mechanisms, and signed support agreements to ensure the uninterrupted and secure operation of its essential securities and financial payment services.

2.4 INFORMATION SECURITY

2.4.1 INFORMATION SECURITY MANAGEMENT FRAMEWORK

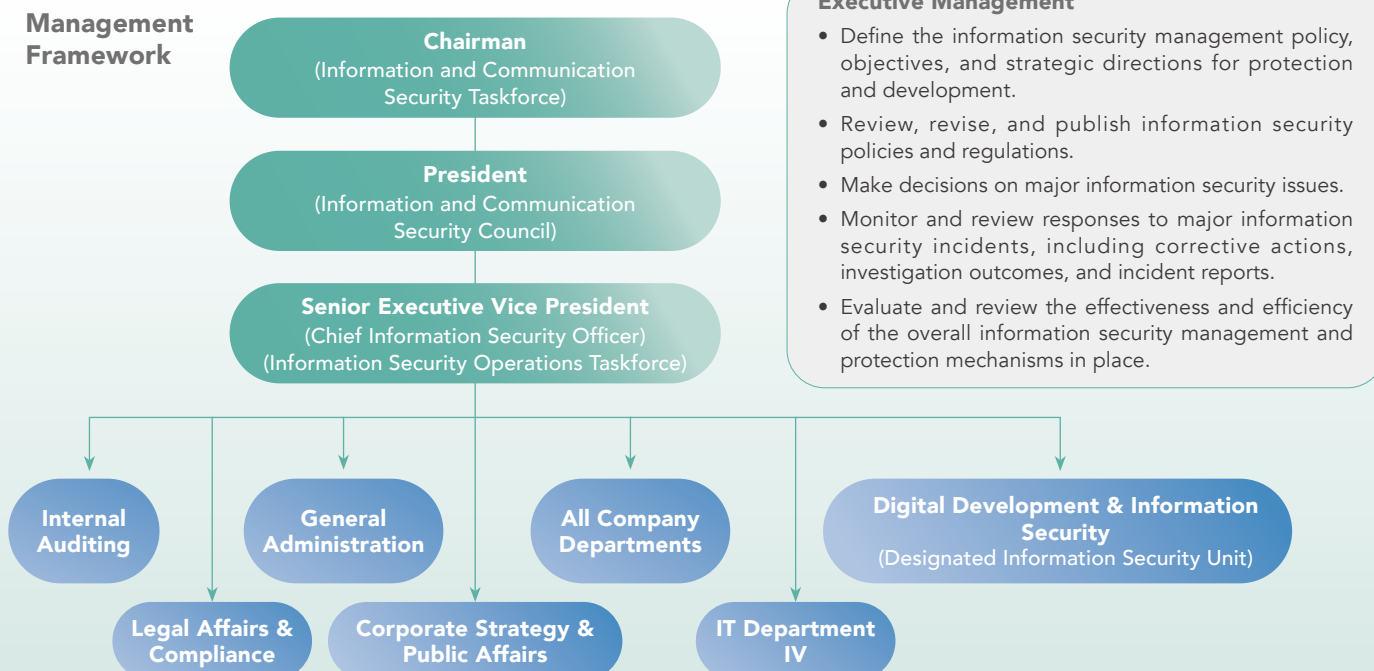
Taiwan Depository & Clearing Corporation

TDCC's Information and Communication Security Policy was approved by the Board of Directors and is strictly enforced. The implementation of the information security management system reflects TDCC's commitment to fulfilling public and regulatory expectations, and serves as a cornerstone for its internal operations and business continuity.



Information Security
Section

Management Framework



TDCC's Implementation of Three Major Focus Points in Information Security Protection



Collect various information security events every day, and transfer the information security event data to the monitoring software of the security monitoring center(SOC) system



After immediately monitoring various incidents and correlation analysis, make analytical statement and give an alarm and make notification



Collect various safety incidents each day and transfer the safety incident information to the monitoring software of the SOC system

FundRich

FundRich regards information security as the foundation of its internal operations and business continuity. The company continues to strengthen its information security defenses and incident response capabilities, including the introduction of new identity authentication mechanisms and the implementation of two-factor login authentication to prevent brute-force attacks on client assets. In March 2024, FundRich obtained ISO/IEC 27001:2022 certification for its Information Security Management System (ISMS). The company holds regular information security management review meetings in accordance with regulations to address relevant topics, applying the PDCA cycle to enhance its cybersecurity governance. It also complies with the competent authority's information security standards to proactively prevent potential losses from security breaches or personal data leaks.

2.4.2 CYBERSECURITY PROTECTION MEASURES

Taiwan Depository & Clearing Corporation

TDCC Cybersecurity Protection Implementation	
ISO 27001 Information Security Management System	To ensure the confidentiality, integrity, and availability of its information systems, TDCC first obtained BS7799 - Information Security Management Systems certification in 2004, passed the ISO/IEC 27001:2005 - Information Security Management Standard certification in 2006, and received the ISO/IEC 27001:2013 new certification in 2014. The Company has maintained its certifications consistently. For 2024, TDCC passed the ISO/IEC 27001:2022 - Information Security Management Systems transition and follow-up audits conducted by BSI from April 9 to 11 and October 7 to 9, respectively, with no non-conformities identified. This confirms the Company's continued compliance and comprehensive implementation of its information security management policies. Also, no major cybersecurity incidents were affecting the market in 2024.
Business Continuity Management System	To ensure that critical operations in the securities, futures, and bond markets can be promptly restored in the event of a disruption, and to maintain uninterrupted continuity of key business functions while strengthening employees' crisis response capabilities and operational resilience, TDCC obtained certification for the ISO 22301:2019 Business Continuity Management System on December 1, 2020, following an audit conducted by the British Standards Institution (BSI). Also, no major business disruptions were affecting the market in 2024. TDCC conducts annual audits of its ISO 22301:2019 Business Continuity Management System to ensure continued compliance. The system successfully passed the 2024 review, confirming its sustained effectiveness.
Routine Cybersecurity Testing	• TDCC conducts comprehensive annual cybersecurity tests. In 2024, six types of testing were completed: cybersecurity health checks, penetration testing, system vulnerability scans, web vulnerability scans, source code analysis, and basic security testing for mobile applications. Outstanding issues identified as medium-risk or above will remain under ongoing monitoring and follow-up until remediation is completed. • Every six months, in compliance with cybersecurity regulations and in reference to the Financial Supervisory Commission's requirements for banks to strengthen the security measures of the SWIFT clearing system, TDCC conducts SWIFT information security audits semiannually. All issues identified in the audits have been fully rectified. • Additionally, TDCC annually engages professional vendors to perform assessments based on the SWIFT Customer Security Controls Framework (CSCF) issued by the SWIFT organization. No non-compliance issues were identified in the 2024 assessment.

TDCC Cybersecurity Protection Implementation	
Monitoring via Session Recording Software.	For visual business application systems, session recording software is adopted to monitor user behavior. This allows real-time monitoring and recording of user operations to detect abnormal activities and issue alerts immediately, thereby fulfilling requirements for usage records, activity tracking, and evidence preservation.
Cybersecurity Drill Execution	TDCC has established procedural documents for reporting and responding to cybersecurity incidents to guide employees in the event of an incident. To ensure employees are capable of responding within designated timeframes, the Company conducts regular drills and tests each year, including: • Off-site backup drills for information systems • Critical infrastructure protection plan drills • Email-based social engineering drills • Distributed denial-of-service (DDoS) attack drills • Cyber incident reporting drills, coordinated with the Financial Supervisory Commission
Employee Cybersecurity Training	• Cybersecurity news and updates are regularly posted and shared via the Company's EIP platform to enhance employee awareness. • Throughout the year, TDCC conducts social engineering drills, cybersecurity training, and promotional activities. All test results meet the performance targets set by the Securities and Futures Bureau of the Financial Supervisory Commission. • Pursuant to the "Regulations on Classification of Cyber Security Responsibility Levels" and the "Regulations Governing the Establishment of Internal Control Systems by Service Enterprises in Securities and Futures Markets," every IT staff member has received at least three hours of professional cybersecurity training. Dedicated cybersecurity personnel have received at least 15 hours, and all employees have completed three hours of general cybersecurity education.

FundRich

FundRich Cybersecurity Protection Implementation	
Regular External Audits of Internet Data Center	The hardware infrastructure of the fund platform system is managed by TDCC. The security maintenance services provided, including physical security, power backup, server access control, network architecture, cybersecurity equipment, monitoring and alert systems for network devices/servers, are all compliant with the ISO 27001:2022 Information Security Management System. One external audit is conducted annually. The 2024 audit resulted in no major or minor non-conformities. Regular execution of Business Continuity Plan (BCP) drills A Business Continuity Plan (BCP) drill is conducted semiannually to ensure that in the event of any uncontrollable factors affecting the operating environment, immediate responses can be taken to mitigate the impact on clients.
Website Vulnerability Scanning	A full-site vulnerability scan is conducted semiannually with assistance from external cybersecurity firms. Any vulnerabilities deemed to pose security threats are promptly remediated to ensure a secure operating environment.
Penetration Testing	A penetration test is conducted annually with assistance from external cybersecurity firms. Any vulnerabilities deemed to pose security threats are promptly remediated to ensure a secure operating environment.
Basic Cybersecurity Testing Standards for Mobile Applications	In September 2024, FundRich passed Level 3 testing conducted by a certified lab of the Mobile Application Security Alliance (MASA) and received both a certificate and a compliance seal.  
Employee Cybersecurity Training	Social engineering drills are conducted irregularly. Simulation emails are randomly sent to employees, and all results meet the drill targets set by the Securities and Futures Bureau of the Financial Supervisory Commission. Cybersecurity education covering the latest social engineering techniques and Internet of Things (IoT) device security is conducted semiannually. Security awareness is further enhanced through occasional email campaigns sharing cybersecurity case studies.

CH3

Service Application Innovation

The Company continuously monitors global trends in information innovation. It integrates data from mutual funds and commercial paper into big data analytics tools for data cleansing, analysis, mining, and report generation, thereby establishing a big data information platform. Leveraging its own resources and core competencies, the Company seeks to understand investors' usage habits and needs, develop market analysis functions, and deliver personalized services through smart channels. This enables greater transaction flexibility, creates a data-driven intelligent ecosystem, and strengthens the development of the financial market. At the same time, FundRich is expanding into the information services sector to provide investors with a more seamless market experience.

00 3.1 BUSINESS DEVELOPMENT PHILOSOPHY

00 3.2 DIGITAL INNOVATION SERVICES

00 3.3 MARKET EXPANSION STRATEGY

Alignment with the United Nations Sustainable Development Goals (SDGs)



Material Topics and Corresponding GRI Standards

GRI 417: Marketing and Labeling
GRI 418: Customer Privacy

Corresponding Material Topics

Measures in response to climate change
Sustainable finance and product innovation
Customer relations management and rights protection

Priority Stakeholders

Competent authorities
shareholders/investors
clients/participants

3.1 BUSINESS DEVELOPMENT PHILOSOPHY

Note: The content of this section does not include FundRich.

As a key driver of financial innovation and inclusive finance, TDCC is committed to strengthening its core operations through digital transformation and enhanced information security. The Company embraces agile development to launch innovative services and implements a wide range of specific initiatives aligned with its three long-term visions: Enhancing the integrated platform for financial asset depository services, Leading digital innovation in financial services, and Promoting the sustainable development of financial markets. TDCC continues to expand its application of artificial intelligence (AI), broaden the scope and scenarios of its services, and integrate sustainable development principles to support the parallel advancement of financial security and growth.

Five Core Business Operations for 2024

	Stock Market	Futures Market	Fixed Income		Cross-Border Custody	Fund Market
			Bonds	Bills		
Average Daily Transaction Volume	NT\$528.1 billion	1.63 million contracts	NT\$40 billion	NT\$423.3 billion	NT\$6.2 billion	NT\$1.5 billion
Daily Processed Transaction	1.98 million transactions	1.32 million transactions	608 transactions	17.04 million transactions	156 transactions	85,000 transactions

3.1.1 ANNUAL R&D HIGHLIGHTS



Discussion on digital innovation service mechanism of the financial market

Promoted the full transition to a digital book-entry transfer platform by developing new book-entry functionalities for equity market settlement, securities transfers, and other related operations.

In response to the establishment of operational centers by securities firms, TDCC studied related support procedures and reconciliation mechanisms. Upon approval by the competent authority, the Company revised the relevant operating rules and issued public announcements to assist securities firms in updating their internal control systems accordingly. New system functionalities were subsequently added in phases.

Developed the service process of "eFastChannel" in the e-Passbook App, providing investors with more diversified and convenient mobile options for switching devices. The service was officially launched on December 23, 2024.

Established a digital carbon emissions reporting platform for financial institutions, allowing the industry to submit carbon emissions data digitally and generate supervisory reports to assist competent authorities in monitoring financial sector carbon disclosures.

Aligned with the FinTech Development Roadmap 2.0, TDCC assessed the feasibility of launching Phase II of open securities-related initiatives.

Explored the feasibility of digitizing document transmission for processes such as inheritance and gifting to streamline these workflows.

Studied the provision of automated operations for foreign institutional investors in the creation and redemption of ETFs to enhance the efficiency of cross-border ETF transactions.

Built a dynamic inquiry platform for bond and bill settlement information, improving the efficiency of settlement operations for participating institutions.

3.2 DIGITAL INNOVATION SERVICES

3.2.1 SUPTECH

TDCC's Contributions to Market Supervision

Note: The content of this section does not include FundRich.

Suptech

● Bond and Bill Suptech Platform

TDCC established a Bond and Bill Supervisory Technology Platform, which includes a "Filing Data Management Platform" and a "Supervisory Analysis Portal." These systems assist bond and bill financial institutions in filing and managing required data, while also providing data analytics services to supervisory authorities.

● Fund Supervision Information Inquiry Service

TDCC developed a big data platform for fund supervisory information to help competent authorities quickly gain a comprehensive view of the fund market. This enhances the oversight of asset holdings by investment trust funds and significantly alleviates the burden of manual data processing and review.

❖ Value and Benefits

- Real-time market insights and multidimensional interactive information enhance the efficiency of supervisory operations.
- Improved transparency and completeness in the market for derivatives and financial instruments.

Offshore Structured Notes Observation System

● Offshore Structured Notes Observation System

This platform provides issuers' or general agents' information, product basics, daily subscription/redemption data, reference prices, and material announcements for public query by both competent authorities and investors.

● Offshore Structured Product Supervisory Information

Using visualization tools and big data analytics, TDCC developed six multidimensional interactive dashboards covering market conditions and product data to support regulatory supervision.

❖ Value and Benefits

- Significantly enhances market transparency of offshore structured products, serving as a reference for investor asset management and protecting investor interests.
- Streamlines routine information filing for reporting institutions, improving submission accuracy, efficiency, and operational stability.



Company Transparency Platform (CTP)

This platform, designated by the Ministry of Economic Affairs (MOEA), is developed and operated by TDCC and comprises three main functions: Filing Portal, Query Portal and Supervisory Portal.

● **Filing Portal:** Enables approximately 710,000 domestic registered companies or their designated agents to submit company data electronically.

● **Query Portal:** Provides access for financial institutions and designated non-financial businesses or professionals in compliance with AML regulations.

● **Supervisory Portal:** Offers company data and filing status to assist MOEA in supervision and audits.

❖ Value and Benefits

- In 2024, the declaration interface was enhanced with a multi-factor identity authentication login, while the inquiry interface was upgraded with an API-based anomaly reporting mechanism, improving corporate data submission efficiency and enhancing the platform's data completeness and accuracy.
- In 2024, the platform's supervision functionality was further optimized through the addition of filters such as automatic query year updates, and supported the Department of Commerce's Nantou Office in establishing a CTP supervisory auxiliary system integration, effectively strengthening the Ministry of Economic Affairs' oversight capability.
- As of 2024, the platform was adopted by 30 different industries, with more than 3,910 active user accounts.



AML/CFT Screening Platform

This system was established and is maintained by the Company at the request of the Financial Supervisory Commission (FSC) and the Ministry of Justice, providing customer data inquiry services for financial institutions and designated non-financial businesses and professions to support government AML/CTF policies.

● System Operations and Optimization

The system integrates the Dow Jones database for maintenance and operation, offering features such as API-based data queries, batch comparison for subject changes, and certificate-based updates of basic information, thereby enhancing the effectiveness of customer due diligence (CDD) processes among user institutions.

❖ Value and Benefits

---- As of 2024, the platform was adopted by 33 different industries, with more than 6,000 active user accounts.



Customer Due Diligence Management System

The Company handles CDD operations for its counterparties through a digitalized process, including electronic storage of inquiry results, automated generation of various CDD reports, periodic review documentation, batch scanning of customer data, and online approval and notification functions.

❖ Value and Benefits

---- Streamlined process management through digitalization significantly enhances operational efficiency and reduces administrative costs.

Stock Affairs and Securities Broker Audit Procedures

- Formulated and amended the "Standard Internal Control Guidelines for Shareholder Services Units," "Standard Internal Control Guidelines for Securities Firms," and "Standard Internal Control Guidelines for Futures Commission Merchants Conducting Securities Trading Assistance Business."
- Implemented internal control systems for proxy solicitation operations entrusted to service providers, in order to strengthen the management of shareholder meeting proxy solicitations.

❖ Value and Benefits

---- Enhances operational efficiency of securities firms and shareholder service units, thereby assisting competent authorities in market supervision.

---- Protects shareholder rights and ensures the sound and stable development of the securities market.

Audit of IT Security Operations in Investment Consulting Firms

Entrusted by competent authorities, the Company conducts audits on the information and communications security (ICS) operations of investment consulting firms, assisting in the following:

- Established three regulatory documents: ICS Audit Guidelines for Investment Consulting Firms, Deficiency Follow-up Assessment and Counseling Guidelines, and Special Project Audit and Counseling Guidelines.
- Established the ICS Audit Manual for Investment Consulting Firms as a compliance reference.

❖ Value and Benefits

---- Enhances the security of fund transactions and supports regulatory oversight of the market.

---- Safeguards investor interests and promotes the healthy development of the fund market.



Fund Review Operations

In response to the significant growth in both the number and total scale of domestic and overseas funds in recent years, and in consideration of market development, industry needs, and investor protection, the competent authority has progressively delegated the fund offering review process to securities-related institutions and amended relevant regulations. Starting in 2024, the review of domestic and overseas fund offerings that are not exchange-traded funds (ETFs) has been entrusted to the Company.

❖ Value and Benefits

---- The design of fund offering review checklists has improved the transparency and predictability of the fund product review mechanism.

---- By assisting the competent authority in the fund review process, the Company has fostered public-private collaboration, built a more robust investment environment, and provided investors with more diverse product offerings.



3.2.2 LOW-CARBON SUSTAINABLE SERVICES

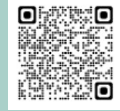
Note: The content of this section does not include FundRich.

Digitalization of e-Services



TDCC e-Passbook App

Please refer to the "TDCC e-passbook" website for details.



● Visual Presentation of Assets

Presents investors' holdings of securities, funds, and bank assets through diversified charts.

● One-Stop Shareholder Rights Execution

Offers personalized shareholder service information and direct access to the "Shareholder e-Service" platform.

● Cross-Institution Fund Asset Integration

Uses ID-based account linking to consolidate investors' fund holdings across asset managers and distributors.

● Bank Account Asset Integration

Enables viewing of deposit account balances and transaction details across financial institutions.

● New Application Channels for the eFastChannel Platform - TDCC e-Passbook App

Investors can now log in using a digital certificate or via a securities firm's trading app to access the "eFastChannel Platform," enabling one-time conversion of all physical securities passbooks into a digital e-passbook on their mobile device.



TDCC Stockservices Platform

Please refer to the website for details.



● eVoting Platform

- Internationalization: Provides cross-border STP (Straight-Through Processing) services for voting.
- Digitalization: Integrates with domestic securities firms' trading apps and the "TDCC e-Passbook App".
- ESG Promotion: Enables companies or their shareholder services agents to announce electronic voting results one day before shareholders' meetings, enhancing transparency of voting outcomes.

● eMeeting Platform

- Developed in response to market demand, with ongoing system optimization.
- Foreign institutional shareholders can participate via video conference using FN codes for identity verification, enabling them to watch live broadcasts, submit questions, and vote on ad hoc motions.

● eNotice Platform

Provides electronic notification of dividend distribution by public companies. On March 15, 2024, extended services to include ETF income distribution notifications (ETFeNotice).

❖ Market Value

- 109 companies used the virtual shareholders' meeting platform, with all meetings successfully held.
- As of 2024, 1,256 issuing companies and 17 ETF issuers have signed contracts and are actively using the eNotice platform.

Sustainable Information Disclosure

Note: The content of this section does not include FundRich.



Investor Relations Integration Platform (ESG IR Platform)

Please refer to the "ESG IR Platform" website for details.



- The ESG IR Platform consolidates information from six major international and three major domestic ESG rating agencies, providing ESG rating information for nearly 2,000 Taiwan-listed companies. It is the world's leading integrated ESG rating data platform.
- The platform is designed to assist institutional investors in fulfilling their fiduciary duties and implementing responsible investment practices. In 2024, ESG IR Platform provided:
 - ✓ Case-by-case disclosure of shareholder voting: Institutional investors can maintain records of voting rationales and statements through the system, with an option for temporary aggregate disclosure.
 - ✓ A suite of ESG screening tools: Includes filters for products, controversies, and rating tracking.
- Release of Taiwan's first "Code of Conduct for ESG Rating Agencies", the world's first such code issued from the user perspective.

The TDCC Code of Conduct for ESG Rating Agencies was developed with reference to relevant international standards, domestic practices, and industry opinions. It sets forth seven principles and thirty-one guidelines, and is applicable to ESG rating agencies that have entered into licensing agreements with the Company. This Code is expected to serve as a common standard among ESG rating agencies. Through close collaboration between the Company and both domestic and international ESG rating agencies, it aims to enhance the transparency of ESG ratings and protect the rights and interests of rated companies in Taiwan.

❖ Market Value

- Enhancing the flow of information, increasing incentives for international investors to include Taiwan equities in their asset allocation, and revitalizing Taiwan's capital market.
- Providing comprehensive and objective ESG information for issuing companies to improve the ESG performance of listed companies and promote the development of the responsible investment market in Taiwan.
- Assisting Taiwan in rising to 3rd place in the "CGWATCH" ranking.
- Simplifying the disclosure process and significantly improving the quality of disclosures to meet diverse investor screening requirements.
- Enhancing the transparency of ESG ratings.



Fund Clear

For details, please visit the website "Fund Clear"



● ESG Fund Section

In line with regulatory efforts to enhance fund information transparency and regulatory oversight, an ESG fund section and risk-return indicator information were added to the Fund Information Observatory to improve fund information transparency. Fund information includes investment objectives and benchmarks, investment strategies and methods, investment allocation ratios, reference performance benchmarks, exclusion policies, risk disclosures, and stewardship participation.

● ETF Fund Section

A unified entry point for ETF information allows investors to access and download various ETF data with one click, offering market-wide ETF statistics and dividend information to help investors grasp the full landscape and disclosure of the ETF market.

❖ Market Value

- Improving fund information transparency.
- Enhancing accessibility to information, assisting the competent authority in shaping a healthy ETF industry environment, meeting investor needs, and safeguarding investor interests.



The declaring platform "ESG execution information control system for securities and futures companies"

- To support the competent authority's "Securities and Futures Industry Sustainable Development and Transformation Strategy," the declaring platform "ESG execution information control system for securities and futures companies" was established to provide digital reporting channels for the industry, and to enable monitoring and control units to leverage supervisory technology to oversee implementation and conduct subsequent data analysis.
- To assist the competent authority in promoting the Net Zero Action Platform for the financial industry, the ESG Implementation Information Control System of the securities and futures industry was linked with the carbon emissions reporting platform under construction, enabling financial institutions to incorporate relevant carbon emissions data for seamless reporting.

3.2.3 FINANCIAL MARKET MANAGEMENT

Note: The content of this section does not include FundRich.



Centralized Custody, Clearing, and Settlement of Short-Term Bills and Financing Commercial Papers



- **Centralized Custody, Clearing, and Settlement of Short-Term Bills:** The Short-Term Bills Centralized Custody and Settlement System (BCSS) provides real-time delivery versus payment (DVP) services for primary market, secondary market, and redemption operations of domestic short-term bills, improving capital utilization efficiency in the money market.
- **Financing Commercial Papers (CP2):** TDCC promotes the issuance of CP2 in registered form. Since 2018, the electronic delivery service for commercial paper issuance documents has been implemented.
- **Bill Market Management Information Platform:** The Bill Market Management Information Platform adopts a dashboard presentation format, allowing users to quickly and clearly grasp relevant information and providing bill dealers with real-time and effective market intelligence.



Fund Operation Platform Fund Clearing Platform

Fund Operation
Platform



Fund Clearing
Platform



• Fund Filing and Disclosure:

By utilizing financial technology and intelligent software tools, and collaborating with Morningstar, unique and proprietary information such as Morningstar ratings, fund style boxes, and 10,000-unit growth charts are integrated into the Fund Information Observatory for investor reference.

- Massive amounts of domestic and overseas fund data on the Fund Clear are consolidated and integrated into fund distribution platforms to serve as an optimal tool for investor decision-making.

Click to visit the website "[Fund Clear](#)".

• Fund Trading Services:

The fund trading platform provides the option to set any day as a scheduled investment deduction date; it also allows securities firms to adjust transaction details for client fund subscriptions, redemptions, and exchanges.

• Fund Order-Routing Services:

Services are provided to Taiwan's master agents for transmitting fund order information via the fund trading platform and for automatically receiving transaction confirmations from offshore fund companies. In addition, sales institutions can submit short-term trading customer data to the offshore fund master agents.

• Onshore Fund Centralized Clearing Platform:

The platform provides aggregated settlement services for transaction data and fund flows between asset management companies and fund distributors. In 2024, the platform began offering business-to-consumer (B2C) aggregated settlement services for direct clients of asset management companies. Fund managers can flexibly choose operations such as subscription, redemption, dividend distribution, and liquidation, thereby supporting fund businesses with diverse needs.



Cross-Border Custody Services



Provides functions such as cash and securities settlement, corporate actions information, asset valuation, and customized reports. Currently, the main custodial targets are bonds, while mechanisms for equity securities are being gradually established to connect with mature markets such as the United States, the United Kingdom, France, Germany, Japan, Hong Kong, Singapore, and South Korea. In response to changes in international settlement operations (e.g., the CSDR's late settlement penalty mechanism), relevant mechanisms have been implemented to continuously update cross-border custody participants on information from international central securities depositories (ICSDs) and global custodians, facilitating their alignment with international market practices.



Futures Clearing System

In coordination with the business operations of the futures exchange, a computerized futures clearing system has been established to handle clearing and settlement for the futures market.

In 2024, a total of 18 system development and maintenance tasks were completed for new products, new mechanisms, and operational needs. Examples include supporting the launch of "Mini Index Futures Contracts," "Additional Small ETF Futures Contracts," "Taiwan Mid-Cap 100 Index Futures," and the inclusion of TOPIX Futures, UMC and Yuanta US Treasury 20+ Year Bond ETF in after-hours trading. Corresponding functions were updated in the clearing system, including settlement and clearing, price adjustment, omnibus accounts, monitoring, and position limit controls.



Inquiry Services for Centrally Custodied Securities for Investors and Government Agencies



- **Investor Online Inquiry for TDCC Data:**

An "Investor Central Depository Account Query System" has been established to enable the public to apply for and inquire about custodial information online 24/7 without visiting in person.

- **Electronic Inquiry Line for Government Agencies:**

Agencies including the Administrative Enforcement Agency, District Courts' Civil Execution Divisions, the Control Yuan, the Agency Against Corruption, the Ministry of Health and Welfare, tax authorities, and the National Land Management Agency may lawfully inquire about centrally custodied securities of specific individuals via dedicated electronic channels instead of official letters.

- **One-Stop Service for Inheritance Data for the National Taxation Bureau:**

Supports the National Taxation Bureau in importing financial inheritance data into property reference records, offering the public a convenient means to access the financial assets of deceased individuals, thereby facilitating estate tax declaration. In 2024, over 140,000 people used this service, demonstrating significant public benefit.



Big Data and Blockchain Applications in Bond/Bill Transactions and Statistical Information

- **Statistical Inquiry on Bills via Big Data Platform Interface:**

Short-term bill statistical reports provided to the competent authority are now available through the big data platform interface for inquiry.

- **Efficiency Improvement in Bond/Bill Transactions:**

Bond/bill dealers may transmit transaction slips and bond passbooks electronically to clients and custodial banks, replacing physical custody and in/out inventory processes. An online early termination process is also provided to replace paper applications. From December 2024, a statistical table on carbon emission reduction from this digital service will be made available to help firms visualize their contributions to net-zero targets.

- **Blockchain Application:**

Transaction confirmations and bond passbooks exchanged or confirmed between trading parties are authenticated using digital certificates, electronically signed, encrypted, and recorded in blockchain storage.



Shared Platform for Custodial Transfer Account Opening Among Custodian Banks, Securities Firms, and Asset Management Companies

- A digital account transfer platform (eSMART) has been developed to provide services such as online account opening, transmission of digital documents, certificate signing, and electronic file archiving between custodian banks and securities firms.
- To further improve the efficiency of fund operations, the platform has been expanded to include fund account opening operations among asset managers, custodian banks, and securities firms, reducing the costs of paper-based, manual point-to-point data exchange and application form printing. The platform ensures document validity and supports environmental sustainability in line with corporate social responsibility.

3.2.4 FUND WEALTH MANAGEMENT TOOLS

FundRich Innovative Financial Services

Note: The content of this section does not include TDCC.

FundRich Operational Performance

As of the end of 2024, FundRich's customer-held fund assets under management (AUM) reached NT\$157.7 billion, representing a 32% year-over-year increase.

The customer base has grown steadily in recent years. Initiatives such as "ReLife Project" and "Retirement Preparation Platform" have raised public awareness of retirement planning, with a combined balance of over NT\$30 billion under the two flagship retirement programs by year-end 2024. New account openings also increased significantly. In 2024, FundRich added over 37,000 new accounts, new account openings increased by 75% compared to the previous year, bringing the total number of customers to over 290,000.

In 2024, the accumulated subscription volume and net inflows grew by 64% and 29%, respectively. "ReLife Project" and "Well-Prepared Retirement" projects contributed to a 38% increase in regular, fixed-amount investment subscriptions.

The fund management app received two major awards from Commercial Times in 2024: the "Digital Inclusion Gold Award" and the "Digital Services Excellence Award."

Exclusive Fund Wealth Management App Empowering Inclusive Finance

FundRich's dedicated fund wealth management app supports the three key stages of fund investment, fund selection, purchase, and performance tracking, with a streamlined user interface that simplifies complex investment processes. The app has been awarded eight fintech innovation patents by the Ministry of Economic Affairs. Targeted at the general public with wealth management needs, the app builds upon FundRich's core advantages: the widest fund selection, free access to professional market insights, and a comprehensive personal finance zone. This helped migrate 70% of existing customers to the app and attracted substantial new user acquisition and investment activity.

By the end of 2024, total downloads exceeded 170,000. The app consistently ranked among the top 100 free finance apps on both the Apple Store and Google Play, making it the most downloaded fund wealth management app in Taiwan.

Developing Wealth Management Tools to Empower Independent Investment

In response to digital finance trends, FundRich upholds the principles of "thoughtful, convenient, and intelligent+" services. In 2024, it launched several investment support features, including "EasyBuy - Smart Auto Buy on Dip," "EasyCheck - Fund Check-up" and an ESG Sustainable Investment Section, helping users optimize mutual fund investments for long-term wealth planning.

Comprehensive Retirement Planning Platform to Address Aging Society Challenges

In light of Taiwan's aging population, retirement has become a pressing social issue. In support of national policy, TDCC expanded partnerships with financial institutions and collaborated with academia and government to launch the "Well-Prepared Retirement Planning Platform." This initiative integrates education, investment, insurance, and public welfare, offering long-term pension-oriented funds and protection-type insurance products to fulfill financial inclusion goals.

In 2024, in collaboration with Business Today, the Company initiated Taiwan's largest post-pandemic "Retirement Survey of Ten Thousand Citizens." Results showed that participants in the "Well-Prepared Retirement Planning Platform" had higher confidence in achieving their retirement goals than the general public, highlighting the platform's importance. Under the "Well-Prepared Retirement Planning Platform" framework, the "Grow Up Well" campaign continued, including events like the "Grow Up Well Children's Playground Day," fulfilling the platform's social mission to "support both the elderly and children", in alignment with the goals of inclusive finance.



EasyBuy -
Smart Auto
Buy on Dip



EasyCheck -
Fund Check-up



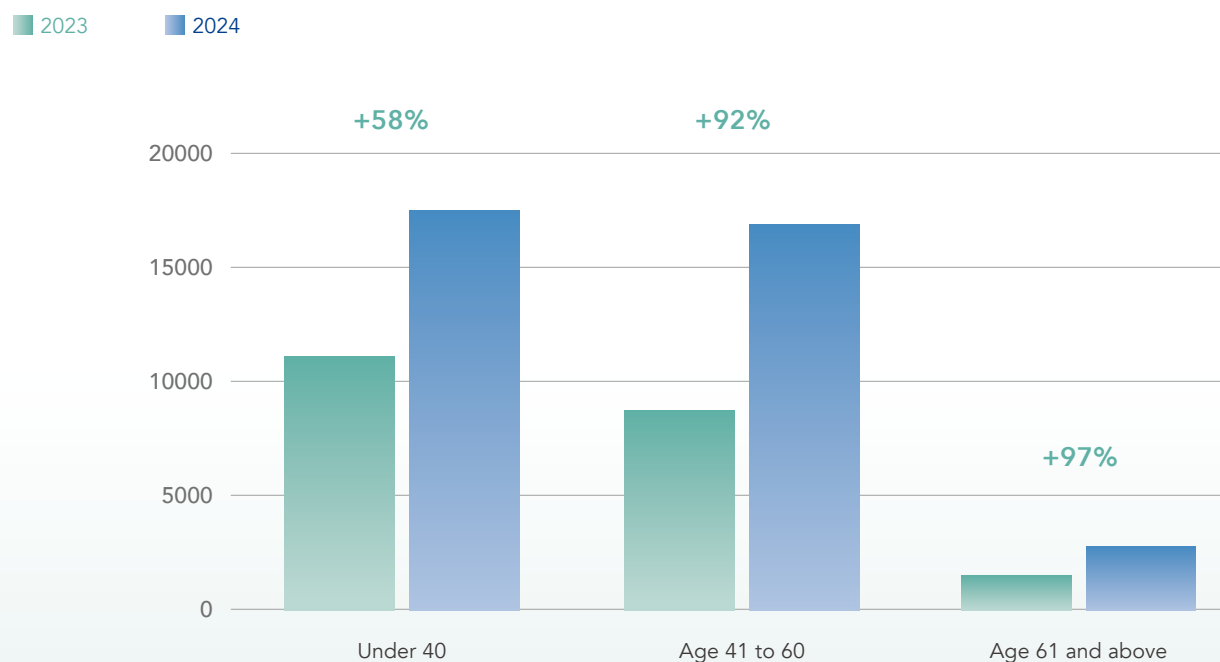
ESG
Sustainable
Investment
Section

Fund and Insurance Products on the "Well-Prepared Retirement Planning Platform"

Name	2021	2022	2023	2024
Fund Brands	21	24	27	28
Number of Funds	40	45	52	58
Insurance Brands	9	13	15	16
Insurance Products	Small Amount Whole Life Insurance Term Life Insurance Critical Illness Insurance	Small Amount Whole Life Insurance Term Life Insurance Critical Illness Insurance Microinsurance	Small Amount Whole Life Insurance Term Life Insurance Critical Illness Insurance Microinsurance	Small Amount Whole Life Insurance Term Life Insurance Critical Illness Insurance Microinsurance

FundRich's efforts to promote sound financial management concepts have been widely recognized by investors. Despite challenges in the global financial market in 2024, including geopolitical tensions and inflation, the platform recorded over 37,000 new accounts during the year, representing a 75% increase from the previous year. Among these, individuals under the age of 40 accounted for 47.1% of new accounts, totaling over 17,000 new users, a 58% year-over-year increase, demonstrating the effectiveness of initiatives aimed at encouraging young people to engage in financial planning.

Number of New Accounts by Age Group



3.3. MARKET EXPANSION STRATEGY

The Company adheres to the core philosophy of “Advancing Mutual Prosperity” in serving the financial market and upholds sound customer relationship management by delivering high-quality and diverse innovative services while effectively resolving customer issues and enhancing communication capabilities.

- Has established a secure, convenient, stable, and trustworthy back-end operation mechanism in Taiwan's capital market and provides customers with comprehensive and diverse services.
- Has established a comprehensive back-end information system, enhanced information governance, reinforced information security protection, ensured stable operations, and built a solid digital financial infrastructure.
- Has recruited and trained diverse talents in a planned manner, systematically trained and passed down employees' core competencies

3.3.1 CUSTOMER RELATIONSHIP MANAGEMENT

TDCC regards customer service as its top business development priority. Guided by customer needs, the Company dedicates significant efforts to protecting customer rights and privacy, as well as ensuring the security of its service infrastructure. The Company provides multiple channels for customer complaints and inquiries, such as direct lines to staff and over-the-counter services, ensuring timely resolution of issues. It also offers online digital platforms with downloadable information services to deliver the latest updates and quality support. TDCC consistently prioritizes customer needs and collects feedback through satisfaction surveys and regular or ad hoc communication. While promoting diversified services and innovative technology, it continues to uphold the spirit of information services and maintain a warm and approachable corporate culture.



Personal Data Protection

As a key back-office service provider for the capital and money markets, TDCC is committed to constructing financial market infrastructure and maintaining custody data for investors. As such, personal data protection and information security are issues of the utmost importance to the Company. FundRich, as a domestic and cross-border fund trading platform, also prioritizes customer privacy and the stability and security of its servers. Both institutions employ robust cybersecurity measures to safeguard customer rights and are fully dedicated to personal data and information security protection. In 2024, neither TDCC nor FundRich received any complaints related to customer privacy infringement or data loss.

Personal Data Protection Measures

Taiwan Depository & Clearing Corporation	FundRich
Since 2012, TDCC has actively promoted personal data protection by introducing the Taiwan Personal Information Protection and Administration System (TPIPAS). In 2013, it obtained the Data Privacy Protection Mark (dp.mark) certified by a professional institution, becoming the first enterprise in Taiwan’s financial sector to adopt TPIPAS. Annual verifications by professional institutions are conducted to ensure the safety and privacy of investor asset data. In 2024, TDCC became the first entity in Taiwan to obtain international certification for Cross-Border Privacy Rules (CBPR), enhancing the security of cross-border financial data flows and expanding the scope of digital financial cooperation. There were no incidents of personal data leakage in 2024.	FundRich engages professional consultants to assess potential personal data risks. Based on risk assessment outcomes, it supervises the establishment of appropriate management mechanisms and sets up incident response protocols. The Operations Management Department convenes annual cross-departmental reviews to inventory personal data, assess potential leakage risks, and conduct drills to test response effectiveness. There were no incidents of personal data leakage in 2024. There were no incidents of personal data leakage in 2024.

Customer Satisfaction Survey

TDCC

To better understand customer feedback and reinforce customer engagement, TDCC conducts annual customer satisfaction surveys to continuously improve service quality. This mechanism allows the Company to regularly track customer evaluations, interpret the data through objective and scientific methods, and offer professional insights that serve as the foundation for prioritizing services and enhancing customer satisfaction.

In 2024, TDCC commissioned a professional market research firm to conduct satisfaction surveys for participants involved in the Account Book-Entry Transfer STP Services and Automated Document Collection Services, as well as the Onshore Fund Centralized Clearing Platform. According to the survey results, TDCC's services received generally positive feedback, with a response rate of 97.1% and an average overall satisfaction score of 91.54.

FundRich

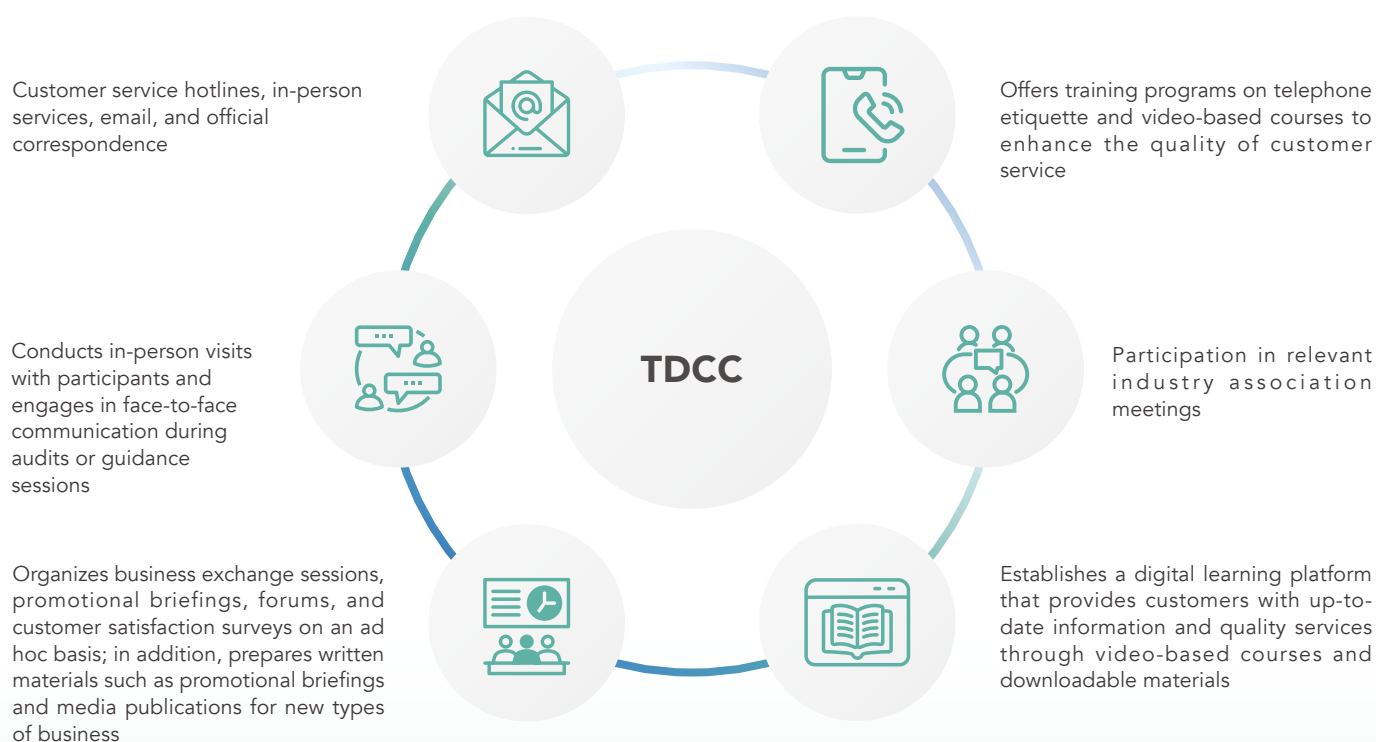
Starting in 2024, Fundrich began conducting customer satisfaction surveys for callers to the service hotline. Out of 36,164 calls, 26,834 surveys were completed (74.20%), with 26,568 respondents satisfied (99.01%).

3.3.2 CUSTOMER COMMUNICATION

Taiwan Depository & Clearing Corporation

Feedback and suggestions collected from survey respondents are categorized into those that can be addressed immediately and those requiring further evaluation. The Company formulates improvement plans accordingly. Comments indicating dissatisfaction are used as a reference for setting internal and external priorities and quality goals in subsequent years. The General Manager convenes meetings to discuss such matters, and responsible departments proactively contact respondents to inform them of follow-up actions, ensuring proper feedback is provided.

TDCC actively maintains communication with clients and responds to stakeholder needs and inquiries through the following channels:



FundRich

Customer service representatives at FundRich possess strong professional knowledge in mutual funds and actively listen to clients with empathy and enthusiasm. In 2024, FundRich conducted a diverse range of internal training programs, including: Information Security Awareness Training, Financial Consumer Protection Act, Fair Treatment Principles, Training on Dispute Resolution and Friendly Financial Services, Training on Personal Data Protection Awareness, and Anti-Money Laundering and Counter-Terrorism Financing Training. These programs aimed to enhance staff professionalism across all dimensions and improve overall service quality to meet customer expectations.

3.3.3 BUSINESS PROMOTION AND MARKETING

TDCC continues to introduce diversified products and services by aligning with international trends and domestic/foreign policies and regulations, leveraging big data and cloud innovation. To help investors and TDCC personnel better understand emerging services, the Company organizes multiple promotional briefings, training programs, outreach sessions, and engagement activities. On the international front, TDCC actively participates in Asia-Pacific CSD organizations, signs MOUs with global CSDs, and maintains close interaction with international central securities depositories, clearinghouses, and custodian banks. The Company exchanges insights on business development, financial governance, and information security through forums and seminars.

Domestic Business Promotion and Development

To broaden the reach of its services and align with the trends of inclusive and open finance, TDCC proactively hosts promotional briefings, offers various consultation channels, and collaborates with relevant organizations to participate in exhibitions and promotional events. The Company also holds online forums and utilizes its digital e-Training platform to expand service coverage and collect market insights for continuous product and service optimization.

In 2024, the company had no violations of product and service information labeling or marketing communication regulations, continuing to uphold its commitment to integrity and investor protection.

The activities for business promotion and education training in 2024 are outlined as follows:

Taiwan Depository & Clearing Corporation



Business and system/ platform briefings

- Training for stock affairs personnel: 484 participants
- Shareholder meeting proxy solicitation briefing: 420 participants
- Briefing on revisions to internal control system standards: 178 participants
- Online briefings on TDCC services: 599 participants
- Briefings for securities firms: 725 participants
- Fund review mechanism and operations briefing: 239 participants
- A total of 10 business briefings covering topics such as Easy Inquiry business, digital due diligence report production, sustainability performance services, cross-border custody under omnibus accounts, and structured offshore product filings: 953 participants



Marketing

- Through diverse online and offline media channels, the company promoted services such as TDCC e-Hand, eVoting, eMeeting, eNotice, eCounter, fund services, and Gandancha, as well as anti-fraud awareness. No violations of regulations related to advertising, promotion, or sponsorship occurred.

FundRich



Business Promotion Channels

- Through news media and financial programs, FundRich promotes the concept of disciplined and long-term investing, emphasizes retirement preparation, and raises awareness about anti-fraud practices and financial literacy.
- FundRich also delivers short promotional videos via TV advertisements and social media platforms to promote legal fund investment platforms and the importance of retirement planning.
- In 2024, FundRich participated in the Financial Services Charity Carnival, Taipei International Finance Expo, National Chung Hsing University's Pension Management Forum, and hosted Rakuten Taoyuan Baseball Stadium's Baseball Theme Day, the "Grow Well" Children's Theme Day at Taipei Children's Amusement Park, as well as a series of both online and in-person seminars.



Internet Marketing Analysis

- With a focus on financial inclusion, the official website and app analyze user behavior data on the platform, incorporating trending investment topics and market trends to compile curated fund lists suitable for either short-term lump-sum investment or long-term regular investment. These lists serve as reference tools for investors with different needs, ranging from high-risk, high-return strategies to steady, long-term growth.
- FundRich defines Facebook as a platform for content management, brand visibility, and customer service, while LINE is used to increase investor engagement. Through the collection and tagging of user data, FundRich segments existing and potential clients to enable precise marketing strategies. Additionally, users are provided with basic investment information and promotional offers, while deeper, personalized functionalities are positioned as an introduction to the official app.



2024 "Well-Prepared Retirement" and "Grow Well" Press Conference



Theme Day Event at Rakuten Taoyuan Baseball Stadium



2024 Tainan Financial Carnival Event

International Promotion and Exchange

Note: The content of this section does not include FundRich.

To stay abreast of global financial and regulatory trends, expand international business, and promote global engagement, TDCC actively participates in international organizations and engages in global conferences and visits. These efforts aim to align with global developments and showcase Taiwan's market practices on the international stage, thereby enhancing global visibility and strengthening connections with overseas markets.

TDCC dispatches representatives annually to attend key international conferences such as the IOSCO Annual Meeting, SWIFT's SIBOS, the ACG Annual Meeting and CTS (Cross Training Seminar), IIA Conferences, ACAMS Conference, RI Asia, and ACGA Annual Forum. To strengthen the connection between Taiwan's capital market and international securities institutions, TDCC continued in 2024 to serve as a member of the ACG Executive Committee and the convener of its working group. Throughout the year, the company participated in 33 international engagements, including 6 ACG Executive Committee meetings, 1 WFC Board meeting, and 26 international conferences.

Holding Key Roles in International CSD Organizations

With support from ACG members, TDCC successfully established the "Investor Services" Task Force in 2018 and assumed its convenership, thereby securing an ex officio seat on the ACG Executive Committee and actively contributing to ACG operations.

To enhance the international visibility of Taiwan's capital market, foster global exchange, and develop international business, TDCC actively engages in various international exchange activities. In February 2024, acting as the convener of the ACG Investor Services Task Force, TDCC hosted the seminar "Sustainable Finance: How CSDs Can Build a Better Fund Environment for Investors." The event was attended by 80 representatives from 26 ACG member institutions. In addition to TDCC's presentation on its achievements in cultivating Taiwan's fund market—such as offering a diversified and accessible fund ecosystem, the TDCC e-Passbook App's fund asset integration features, and digitalized shareholder services, the seminar also featured speakers from CSDs and fund platform providers in Thailand, Pakistan, Indonesia, and Vietnam, who shared insights on topics including digital advantages under sustainability and the development of ESG fund markets. Through holding such key events, TDCC promotes business exchange within ACG and enhances cross-border dialogue, thereby strengthening Taiwan's capital market cooperation with the global financial community and spotlighting TDCC's successful practices on the international stage. Moving forward, TDCC will continue advancing Asia-Pacific capital market exchanges and demonstrate Taiwan's strengths in digital innovation, sustainable resilience, and cybersecurity to build a new blueprint for value-added CSD services.

Participation in various international events during 2024

To continuously exert its market influence and fulfill its role as a stable financial market infrastructure provider, TDCC closely monitors global developments. By participating in international conferences and engaging with industry experts worldwide, TDCC stays informed of the latest innovations and best practices for enhancing market efficiency and advancing sustainable financial services, thereby laying the groundwork for expanding future business opportunities.

TDCC served as the speaker, sharing business practices and promoting international sustainable finance services

The 26th ACG General Meeting (ACG26)

Almaty, Kazakhstan
/ September

Kazakhstan's Central Securities Depository (KCSD) hosted the 26th ACG General Meeting in Almaty, themed "Strengthening Financial Infrastructure Connectivity between the Asia-Pacific Region and the Central Asian Economic Belt." TDCC was invited to participate as a panelist in the session "Digital Transformation and Improving the Quality of Services in the Securities Market," where it shared its experiences and outcomes in service innovation. In addition, acting as the convener of the ACG Investor Services Task Force, TDCC chaired the task force breakout session to discuss the latest developments in investor services with fellow member organizations, and later presented the task force's annual activity report during the plenary session.

The 24th ACG Cross Training Seminar (CTS24)

Hong Kong
/ July

The Hong Kong Exchanges and Clearing Limited (HKEX) hosted the 24th Cross Training Seminar (CTS24) of the Asia-Pacific Central Securities Depository Group (ACG), under the theme "Advancing Financial Infrastructure Development and Cooperation in the Asia-Pacific Region."

TDCC chaired a session titled "Developing Investor Services for a Better Financial Ecosystem," inviting CSD representatives from Pakistan, Sri Lanka, Hong Kong, South Korea, Indonesia, Türkiye, and India to jointly explore how CSDs can adopt innovative thinking and integrate digital technologies to enhance services for investors. TDCC's representative also shared its initiatives in digital transformation and ESG-related services. Additionally, TDCC was invited as a panelist in the New Business Initiative (NBI) working group session to share practical experience on the "Easy Inquiry", a dynamic settlement status inquiry platform for bills and bonds.

Asian Fund Standardization Forum (AFSF 2024)

Bali, Indonesia
/ February

The 6th AFSF was hosted by Kustodian Sentral Efek Indonesia (KSEI). TDCC participated as a speaker and presented on the regulatory framework and development of Taiwan's fund market during the CSD session.

The Junior CSD Workshop was co-organised by TDCC, the Korea Securities Depository (KSD) and KSEI.

Yogyakarta, Indonesia.
/ April

During this meeting, TDCC provided a briefing on the Settlement Instruction Transmission Platform, the dynamic settlement status inquiry platform for bills and bonds, and the shareholder e-service platform. Additionally, discussions were held regarding ESG services.



International Exchange
Activities of TDCC



List of MOU on
International Cooperation

TDCC has signed Memoranda of Understanding (MOUs) with 15 ACG member organizations and 8 related institutions, totaling 23 overseas entities. These agreements have further strengthened international partnerships, facilitated the exchange of information, and created new opportunities for cross-border collaboration.

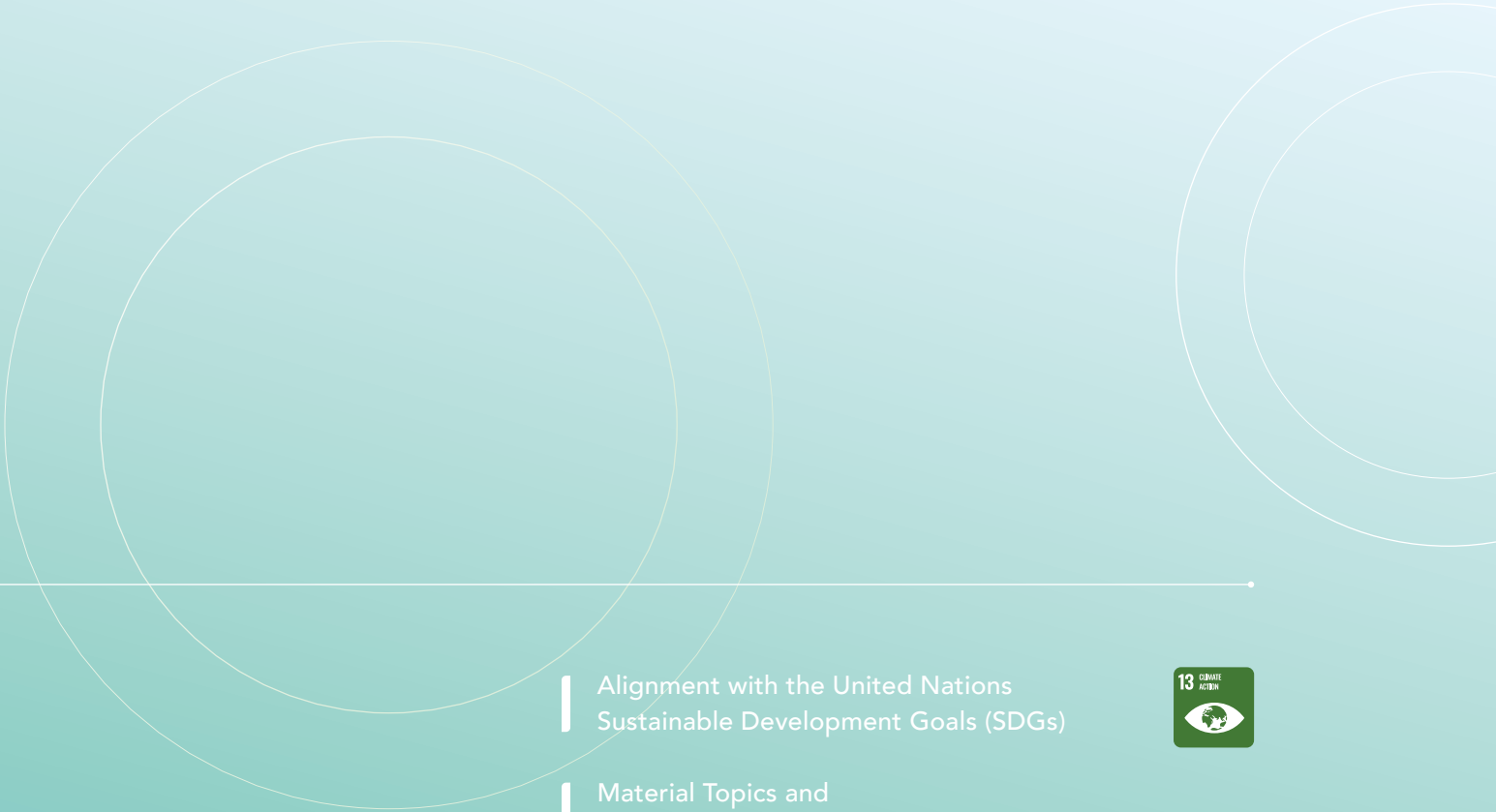


CH4

Green Vision Commitment

TDCC has long been committed to sustainable actions. In 2018, the Company took its first step toward carbon reduction by identifying greenhouse gas emission hotspots and, based on operational characteristics, formulating carbon reduction plans. These reduction actions have been implemented progressively year by year, with the goal of achieving net-zero emissions for Scope 1 and Scope 2 by 2030.

- ④ 4.1 Climate Governance
- ④ 4.2 Energy Management
- ④ 4.3 GHG Emissions Management
- ④ 4.4 Green Operations



Alignment with the United Nations Sustainable Development Goals (SDGs)



Material Topics and Corresponding GRI Standards
GRI 305: Emissions

Corresponding Material Topics
Measures in response to climate change

Priority Stakeholders
Customers/participants suppliers/contractors

4.1 Climate governance

Note: The content of this section does not include FundRich.

Disclosure under the TCFD Framework on Climate-Related Risks

In view of the increasing severity of climate change and its environmental impacts, which affect multiple dimensions of the Company's operations, TDCC has adopted the Task Force on Climate-related Financial Disclosures (TCFD) framework and established the TCFD Task Force under the ESG Committee's Environmental Sustainability Team. Climate-related information is disclosed in accordance with four core elements: Governance, Strategy, Risk Management, and Metrics & Targets. Risks are assessed comprehensively through both qualitative and quantitative means, and appropriate response measures and management strategies are determined to ensure sustainable business operations.



Climate-Related
Financial Risk
Disclosure Report

4.1.1 Climate governance

The Board of Directors is the highest governance body responsible for managing climate change issues at TDCC. Climate change risks have been classified as one of the Company's major risk categories. Through the Sustainable Development Committee and the Risk Control Committee, the Company implements its sustainability policies and climate commitments while jointly managing risks and opportunities associated with climate change.

Board of Directors

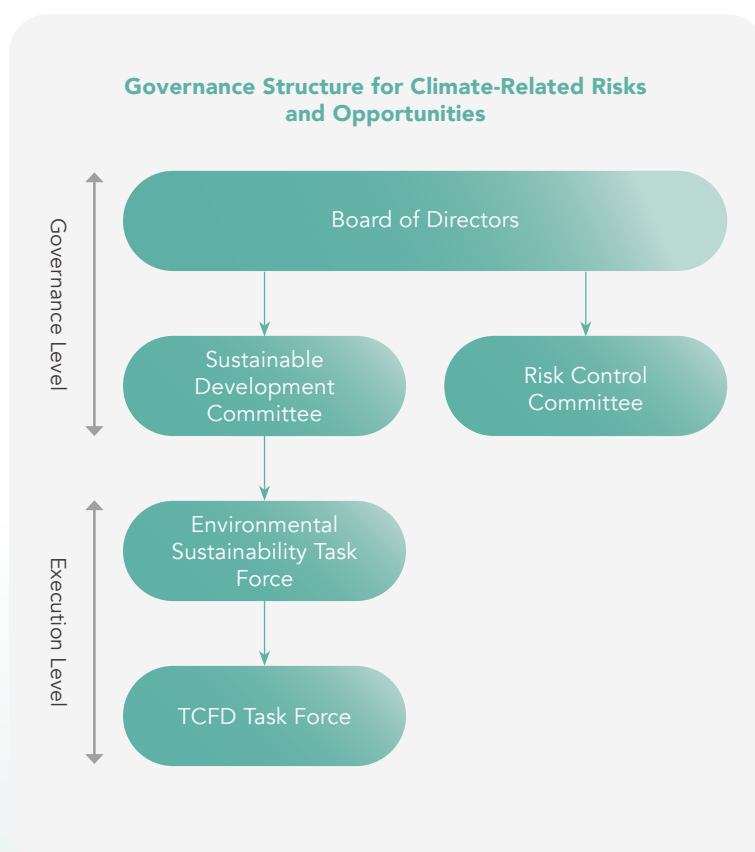
Acts as the highest supervisory body for managing climate-related risks and opportunities. It approves climate and environmental risk management policies, oversees climate risks, endorses action plans, and ensures the effective operation of risk management mechanisms.

Sustainable Development Committee

Convenes at least twice annually, incorporating climate governance into its agenda and reporting to the Board of Directors. The Sustainable Development Committee oversees six task forces led by department heads to implement ESG initiatives. The TCFD Task Force, under the Environmental Sustainability Task Force, is responsible for monitoring climate-related risks and opportunities.

Risk Control Committee

Operating under the Board, this committee is responsible for coordinating the implementation of climate-related financial disclosure projects. It holds at least two meetings annually, reports progress to the Board, reviews operations, and evaluates the effectiveness of climate governance, thereby reinforcing TDCC's accountability in managing climate-related risks.



4.1.2 Climate Resilience Assessment

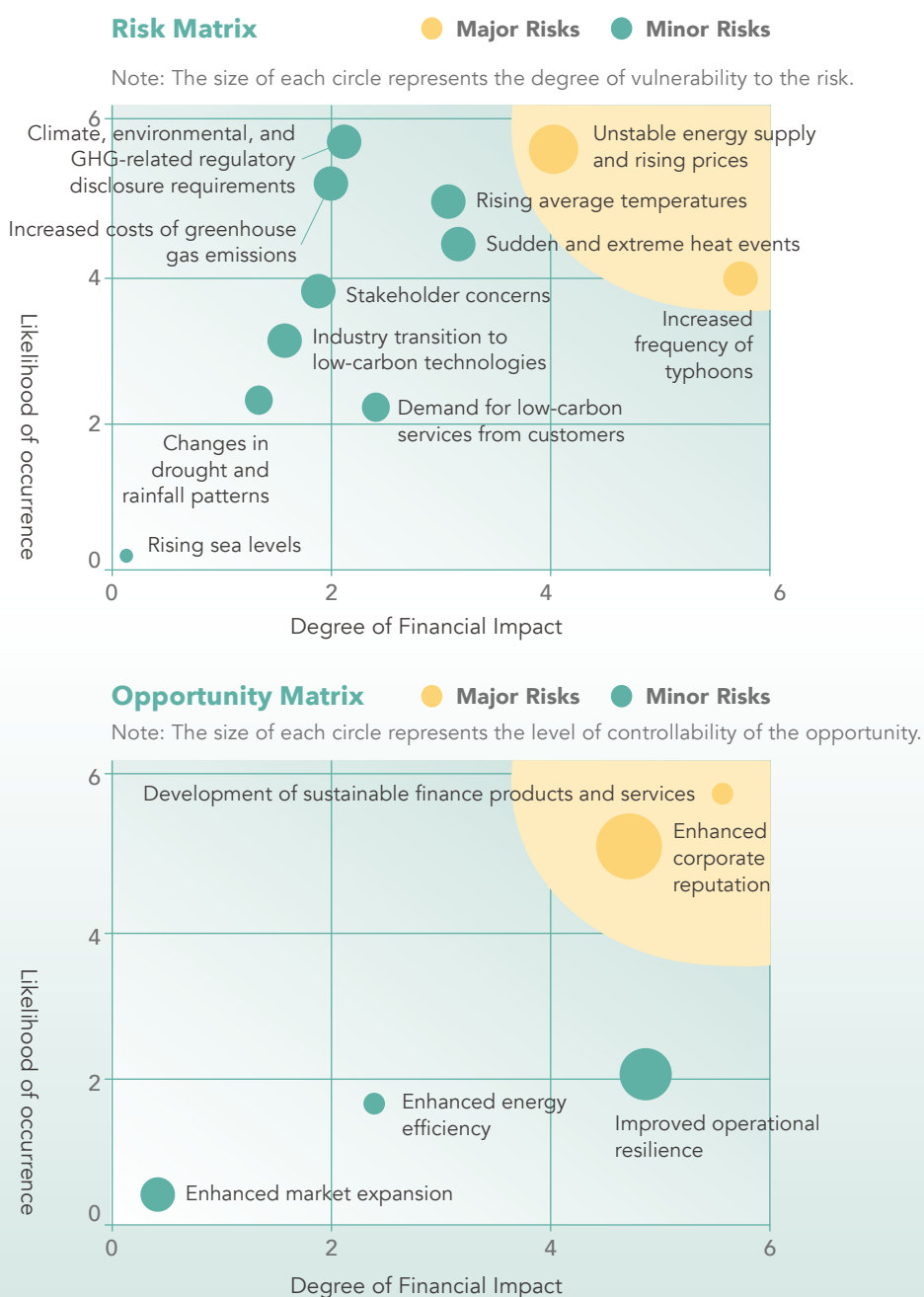
To understand the impact of climate change on TDCC and to proactively devise response strategies that enhance operational resilience, the Company conducted a comprehensive assessment of climate risks and opportunities in 2024. This assessment integrated considerations from peer CSDs, relevant institutions, and large financial organizations. Department heads were also invited to analyze climate factors based on the specific nature of their operations.

• TDCC Climate Risk Matrix

TDCC assessed 11 climate risk factors and 5 opportunity factors based on three key dimensions: probability of occurrence, level of financial impact, and degree of vulnerability (or controllability in the case of opportunities). The assessment also considered the potential impact of each risk or opportunity across different future time horizons and value chain segments to understand the full scope of their implications. Through the quantitative analysis of climate risk values, a risk matrix was developed, identifying two high-risk items and two high-opportunity items. Among the high risks were one physical risk and one transition risk.

Given TDCC's operating context, the time horizons adopted for the climate risk and opportunity assessment were defined as follows: short-term is within 1 to 3 years, medium-term is 3 to 5 years, and long-term exceeds 5 years.

Climate Risk and Opportunity Materiality Matrix



Materiality Ranking of Climate Risks

Sorting	Description of Climate Risk			Time Horizon	Affected Value Chain Stage
	Risk Category	Risk Factor	Risk Description		
1	Transition risk	Market risk	Unstable energy supply and rising prices	Short-, medium-, long-term	Own operations
2	Physical risk	Immediate risk	Increased frequency of typhoons	Long-term	Own operations
3	Physical risk	Long-term risk	Rising average temperatures	Long-term	Own operations
4	Physical risk	Immediate risk	Sudden and extreme heat events	Long-term	Own operations, downstream
5	Transition risk	Policy and regulatory risk	Climate, environmental, and GHG-related regulatory disclosure requirements	Long-term	Upstream, own operations, downstream
6	Transition risk	Policy and regulatory risk	Increased costs of greenhouse gas emissions	Long-term	Own operations
7	Transition risk	Reputational risk	Stakeholder concerns	Long-term	Upstream, own operations, downstream
8	Transition risk	Technology risk	Industry transition to low-carbon technologies	Long-term	Upstream, own operations, downstream
9	Transition risk	Market risk	Demand for low-carbon services from customers	Long-term	Own operations, downstream
10	Physical risk	Immediate risk	Changes in drought and rainfall patterns	Short-, medium-, long-term	Own operations
11	Physical risk	Long-term risk	Rising sea levels	Long-term	Own operations

Materiality Ranking of Climate Opportunity

Sorting	Description of Climate Opportunity		Time Horizon	Affected Value Chain Stage
	Opportunity Category	Opportunity Factor		
1	Market	Enhanced corporate reputation	Short-, medium-, long-term	Own operations
2	Product and service	Development of sustainable finance products and services	Long-term	Own operations, downstream
3	Resilience	Improved operational resilience	Long-term	Own operations
4	Energy use efficiency	Enhanced energy efficiency	Short-, medium-, long-term	Own operations
5	Market	Market development opportunities	Long-term	Own operations, downstream

• Material Climate Risk Scenario Analysis

After identifying and ranking material climate-related risks and opportunities, TDCC conducted in-depth assessments of the two key climate risks: “unstable energy supply and rising prices” and “increased frequency of typhoons”, to strengthen the organization’s strategic resilience in the face of climate change. Through climate scenario analysis, TDCC evaluated the expected impacts under different transition pathways, reviewing how such risks may affect its operations, strategies, products, and financial planning. Based on the results, TDCC adjusted its management strategies to mitigate the potential impacts of climate-related risks.

Impacts of Material Climate Risks

	Physical Risk - Increased frequency of typhoons	Transition Risk - Unstable energy supply and rising prices
Risk Description	As global warming intensifies, both the frequency and severity of typhoons have increased, leading to more typhoon-related office closures ("typhoon days"), resulting in decreased revenue.	In response to the global 2050 net-zero target, the government of Taiwan has enacted energy transition policies to gradually increase the share of renewable energy. To achieve this goal, it is essential to significantly increase the share of renewable energy generation. As a result, the cost of electricity generation is expected to rise, which is likely to be passed on to end users.
Impact Areas	Upstream (Suppliers): As the Company's primary suppliers are hardware and software service providers, it is assessed that the increased frequency of typhoons would not have a significant impact on them. Own Operations: Typhoon days may result in a decline in revenue. Downstream (Customers): As the Company's customers primarily use its online platform services, any disruption in the Company's services caused by typhoons may consequently impact downstream customers.	Upstream (Suppliers): As the Company's primary suppliers are hardware and software service providers, it is assessed that rising electricity prices would not have a significant impact on them. Own Operations: Rising electricity prices may lead to increased power costs for office premises and data centers. Downstream (Customers): As the Company's customers primarily use its online platform services, rising electricity prices are assessed to have no significant impact on downstream customers.

To better understand the financial impacts of climate change, TDCC conducted scenario analysis on the above risks using scenarios published by the Intergovernmental Panel on Climate Change (IPCC) and the International Energy Agency (IEA). These results serve as a key reference for developing risk mitigation strategies.

• Financial Impact of Material Climate Risks

Increased Frequency of Typhoons

To assess the projected number of typhoons making landfall in Taiwan in the future, TDCC referred to the RCP8.5 scenario outlined in the Fifth Assessment Report of the Intergovernmental Panel on Climate Change (IPCC), and incorporated research conducted by the National Science and Technology Center for Disaster Reduction (NCDR) under the same scenario. This research simulated the average number of typhoons striking Taiwan across different time periods through the end of the century, and was used to estimate the annual landfall frequency of typhoons in Taiwan up to 2100. Among the key factors in this simulation was the impact of typhoon days. In setting parameters for typhoon days, TDCC reviewed historical records of typhoon days in Taipei City. Considering the anticipated intensification of typhoons in the future, along with the actual typhoon-related office closures observed in 2024, it is projected that the number of typhoon days caused by a single typhoon will continue to rise. Therefore, starting from 2024, the impact of a single typhoon in terms of workday disruptions has been assumed to increase progressively, in order to simulate potential adverse effects.

Note: Representative Concentration Pathways (RCPs) are four greenhouse gas concentration trajectories defined in the IPCC Fifth Assessment Report (AR5), representing different climate futures (RCP2.6, 4.5, 6.0, and 8.5). These scenarios are differentiated by the level of radiative forcing (i.e., the change in energy flux in the atmosphere) by the year 2100 relative to pre-industrial levels in 1750. RCP8.5 represents the most extreme warming scenario, with radiative forcing reaching 8.5 watts per square meter by 2100.

Impact Item	Financial Impact		Mitigation Measures
	2030	2050	
Revenue loss due to typhoon days	2.76%	2.68%	In the event of future typhoon landfalls in Taiwan, TDCC will adhere to the principle of minimizing the number of on-site personnel and will pre-arrange a minimum workforce to be on duty during typhoon days. In response to the anticipated intensification of typhoons, the Company will also establish disaster response measures to mitigate risks to employee safety. Additionally, work schedules for the day following a typhoon day will be planned and adjusted in advance to reduce employee workload and minimize overtime expenses.
Overtime expenses incurred on typhoon days and the following workdays	0.0054%	0.0053%	

Unstable energy supply and rising prices

To assess the potential changes in electricity costs under TDCC's green power transition policy, the Company referred not only to the electricity mix planning published by the Ministry of Economic Affairs, but also to studies conducted by domestic research institutions as the basis for the baseline scenario. In addition, TDCC incorporated two scenarios from the International Energy Agency (IEA) World Energy Outlook 2023, the Stated Policies Scenario (STEPS) and the Net Zero Emissions by 2050 Scenario (NZE), using projected levelized cost of electricity (LCOE) changes across generation technologies as the basis for estimating electricity price fluctuations in 2030. Furthermore, to reflect the challenges currently faced by Taiwan's green energy development and the persistent demand for renewable electricity from enterprises, TDCC also developed a Severe Assumption Scenario as a supplementary stress test to the other three scenarios.

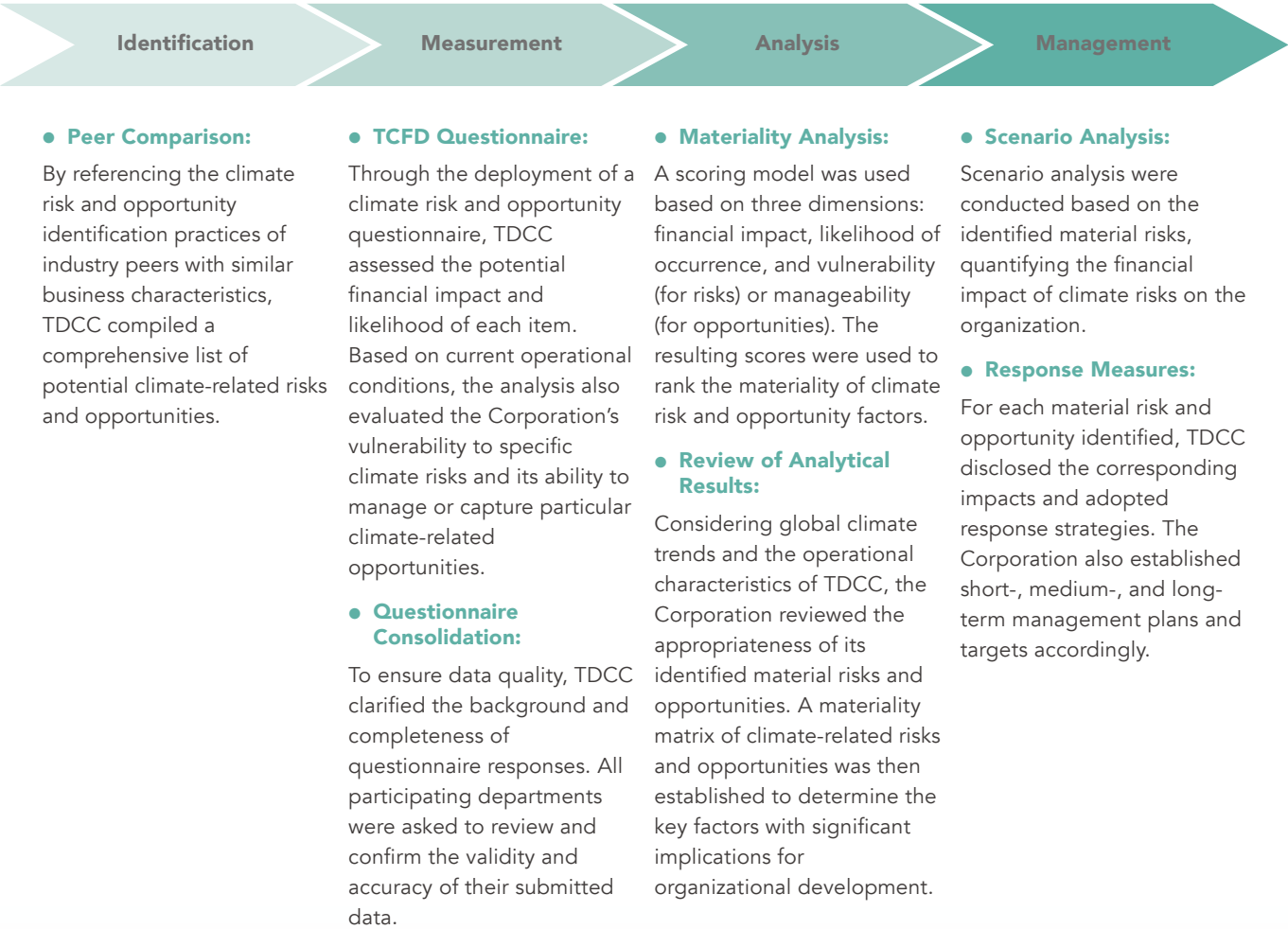
Scenarios Adopted	Description and Assumptions	Parameter Setting: LCOE Annual Variation Rate
Baseline Scenario (BAU)	This scenario projects future electricity prices based on historical trends, assuming no major policy or market changes. The coefficients are based on the 2018 report The Impact of Renewable Energy Development on Electricity Prices by the Institute of Nuclear Energy Research, which provides forecasts of Taiwan's future energy prices under current policies.	Coal: 2.75% Gas: 0.69% Renewable Energy: -0.65%
Stated Policies Scenario (STEPS)	This scenario assumes all currently announced global climate policies are fully implemented as planned. The coefficients are based on the LCOE data provided under the STEPS scenario in the IEA World Energy Outlook 2023.	Coal: -2.18% Gas: 0.46% Renewable Energy: -4.09%
Net Zero Emissions Scenario (NZE)	This scenario models the global energy transition required to achieve net-zero emissions by 2050. The coefficients are based on LCOE data under the NZE scenario in the IEA World Energy Outlook 2023.	Coal: -12.50% Gas: 1.74% Renewable Energy: -4.47%
Severe Assumption Scenario (Self-Defined)	Assumed Background: It is anticipated that Taiwan faces challenges in transitioning to renewable energy due to insufficient technological autonomy, while corporate demand for green electricity remains high.	The LCOE change rates for coal and gas follow the BAU scenario. Renewable Energy (Taipower): 1.5% Renewable Energy (Private Providers): 2.5%

Assuming stable electricity demand, TDCC will continue to implement energy-saving measures aligned with its current carbon reduction roadmap to reduce overall electricity usage and mitigate the financial impact of rising power costs. However, achieving national net-zero targets remains extremely challenging. Under the Severe Assumption Scenario, the cost of green electricity for enterprises is expected to rise. TDCC will address this by signing long-term Power Purchase Agreements (PPAs) with renewable energy providers to lock in electricity prices and minimize potential impacts.

Scenarios Adopted	Electricity Cost as a Percentage of 2024 Revenue by 2030
Baseline Scenario (BAU)	0.20%
Stated Policies Scenario (STEPS)	0.16%
Net Zero Emissions Scenario (NZE)	0.15%
Severe Assumption Scenario (Custom)	0.24%

• Climate Risk Management

TDCC identifies climate-related risks and opportunities through internal surveys across departments to quantitatively assess physical and transition risks. This process enables the Company to gather data aligned with the TCFD framework, evaluate current status, and identify areas for improvement. Key climate risk factors are identified, and the overall risk management process is strengthened.



To enhance climate risk management, TDCC has incorporated climate-related risks into its existing Business Continuity Planning (BCP) framework. This integration is part of TDCC's broader Business Continuity Management (BCM) to ensure sustainable business operations. (For details, please refer to Chapter 2.3.1)

• Metrics and Targets

For each material climate risk issue, TDCC has established corresponding indicators and targets to monitor, review, and manage its annual performance. Future goals are also set to encourage overall compliance across the organization, thereby ensuring effective climate risk management and fulfilling the Company's commitments to stakeholders and the environment.

Response Measures and Management Targets for Material Climate Risks and Opportunities

Material Climate Risks		
	Unstable Energy Supply and Rising Prices	Increased Frequency of Typhoons
Response Measures and Strategies	Strengthen energy data monitoring, reduce non-essential electricity usage, and equip sufficient emergency generators to ensure power stability during shortages.	Enhance equipment monitoring systems and building waterproofing measures, and continuously update disaster response management protocols.
Management Objectives	Continue promoting carbon reduction and energy efficiency optimization programs; provide digital services that support carbon reduction for the market.	Ensure that in the event of service disruptions affecting critical infrastructure and its applications, recovery to the minimum acceptable service level is achieved within the maximum tolerable downtime, accompanied by timely notifications to regulatory authorities and assurance of employee safety.
2024 Achievements	1. The carbon reduction potential of digital services reached a total of 20,294 tCO ₂ e. 2. Achieved ISO 50001 Energy Management System certification.	The infrastructure and equipment operations at the main data center and the Hongya backup site functioned without abnormalities in power, air conditioning, or network communications; external services continued without disruption.

Material Climate Opportunities		
	Enhanced Corporate Reputation	Development of Sustainable Finance Products and Services
Response Measures and Strategies	Achieve established carbon reduction targets steadily, accelerate the replacement of old high-emission equipment, and gradually increase the proportion of renewable energy usage.	Continuously improve the ESGIR platform and other service platforms, accelerate the development of sustainability-related products, and support enterprises in aligning their information disclosure and GHG inventory practices with international standards.
Management Objectives	Achieve 70% renewable electricity usage in the Hongya Building by 2024, increasing to 100% by 2030.	Continue enhancing the ESG IR platform's functionality and promote the development and expansion of Scope 3 GHG inventory tools for the financial sector.
2024 Achievements	Starting in August 2023, renewable electricity was purchased. By the end of 2024, 70% of the total annual electricity consumption at the Hong Ya Building was sourced from renewable energy.	In 2023, work began on creating tools to measure Scope 3 emissions for the financial sector. These tools are expected to be released at the end of 2024 for use by professionals in the industry.

4.2 Energy Management

Note: The content of this section does not include FundRich.

TDCC's operational greenhouse gas emissions are primarily derived from purchased electricity. As such, the Corporation has implemented an energy management system to improve energy efficiency and enforce energy-saving policies. These efforts are critical to future GHG inventories, achieving carbon neutrality, and meeting the Corporation's 2030 net-zero emissions goal. Additionally, they help reduce the environmental impact of daily operations, fulfill stakeholder expectations, and uphold corporate responsibility.

4.2.1 Energy Policy and Management

• Energy Management System

TDCC is the first securities market infrastructure institution in Taiwan to adopt the ISO 50001 Energy Management System. The Corporation's energy policy is formally endorsed by the President and is supported by a structured organization of roles and responsibilities as defined in internal energy management procedures. TDCC initially obtained ISO 50001 certification in 2020 and successfully renewed its three-year certification in November 2023. The Corporation also passed its annual audit in September 2024 by the certifying body.

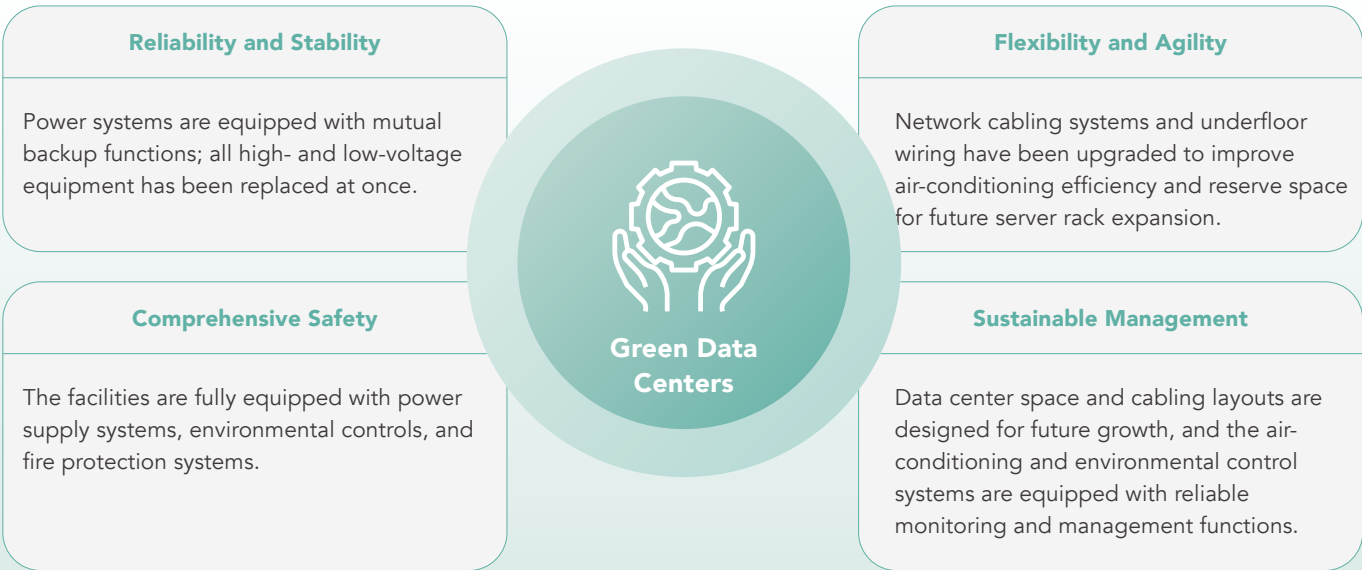
The Company regularly conducts stakeholder (as defined in Chapter 1.4.1) surveys , and results indicate that stable power supply, energy-saving in data centers, and air-conditioning efficiency are key energy issues of mutual concern among stakeholders. Through internal energy audits, the Company has identified that the primary energy consumption at the Hongya Building, Nangang Site I, and Zhubei Site II aligns with the operational characteristics of each location and corresponds with stakeholder concerns. Accordingly, the Company incorporates high-energy-consuming equipment and daily electricity usage into its management framework to establish an energy use baseline. Based on this baseline, responsible units are tasked with formulating and implementing Company-wide energy-saving action plans, covering all offices and operational sites. Implementation results are reviewed periodically to ensure continued progress toward the established energy-saving targets.

Whereas greenhouse gas inventories serve as a passive disclosure mechanism, the energy management system represents a proactive approach. Although TDCC is not an industry with high emissions, systematic inventorying, review, and continuous improvement enable the Company to unlock more opportunities for enhancing energy efficiency and to build a green, environmentally responsible, and sustainable enterprise.



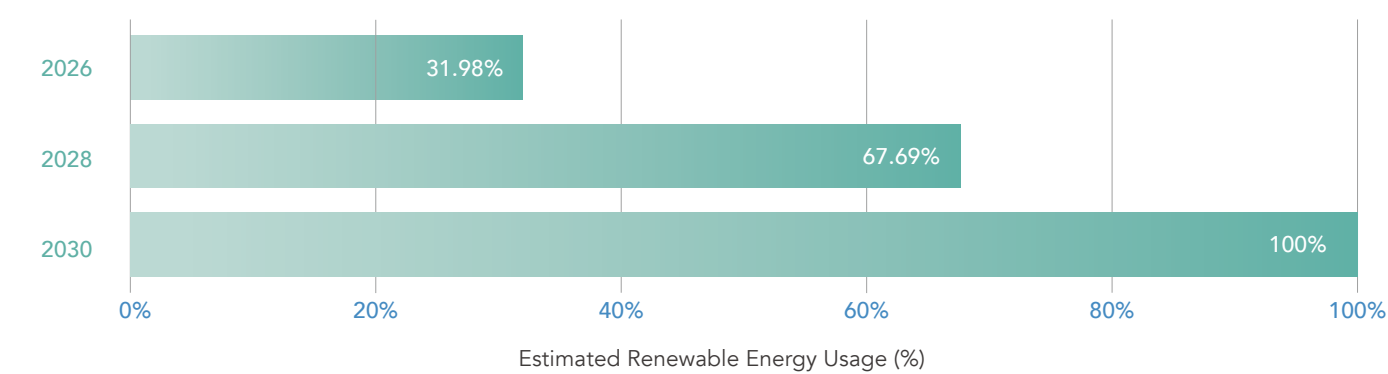
TDCC Energy Policy

• Green Operations Management



4.2.2 Renewable Energy Procurement Targets

TDCC has established short-, medium-, and long-term strategies and targets for emission reduction and green electricity procurement for 2026, 2028, and 2030, respectively. Following its 2023 carbon neutrality declaration, TDCC is progressively reducing GHG emissions each year through energy-saving and carbon-reduction measures and the use of renewable energy. Details are shown in the table below.



In 2023, a total of 194,515 kWh of renewable electricity was purchased, accounting for 23% of the Hongya Building’s main meter usage and 4% of total electricity consumption across all sites. In 2024, a total of 549,989 kWh of renewable electricity was purchased, accounting for 67% of the Hongya Building’s main meter usage and 11% of total electricity consumption across all sites.

4.3 GHG Emissions Management

4.3.1 GHG Policy and Targets

TDCC and FundRich conducted their 2024 greenhouse gas inventory in accordance with ISO 14064-1:2018, and the results were verified by a third-party assurance provider. These findings serve as the foundation for subsequent energy-saving and emission-reduction improvements. The operational boundary for TDCC and FundRich includes the office areas in the Hongya Building, Nangang Site I, and Zhubei Site II. In 2024, the Sustainability Development Committee approved the target of achieving net zero Scope 1 and Scope 2 emissions by 2030, reinforcing the Company’s carbon reduction commitment and advancing toward sustainable development. Measures include:

• Direct fuel use (Scope 1)

Plans to replace existing vehicles with electric vehicles.

• Purchased electricity (Scope 2)

Implementing energy-saving measures such as reducing lighting in office areas, increasing the air-conditioning setpoint by 3 degrees Celsius in server and relay rooms, and increasing the volume of renewable electricity transferred to the Hongya Building in 2024.

TDCC has initiated accounting for Scope 3 indirect GHG emissions, including those from "employee commuting" and "business travel", as well as Scope 4 emissions from "capital goods" and "fuel- and energy-related activities", in order to identify the sources and quantify the volume of GHG emissions beyond the Company’s direct control. This assessment helps TDCC understand the extent of its value chain’s contribution to global warming, manage its corresponding actions accordingly, and expand its carbon reduction efforts in alignment with climate change mitigation.

Greenhouse Gas Inventory Statement

bsi.
Opinion Statement

Greenhouse Gas Emissions
Verification Opinion Statement

This is to verify that: Taiwan Depository & Clearing Corporation
11F,
No. 363, Fuxing N. Rd.
Songshan Dist.
Taipei City
105401
Taiwan

臺灣集中保管結算股份有限公司
臺灣
台北市
松山區
復興北路 363 號
11 樓
105401

Holds Statement No: GHGEV 822336

Verification opinion statement
As a result of carrying out verification and validation procedures in accordance with ISO 14064-3:2019, it is the statement for mixed engagement including reasonable assurance for verification activity as well as validation and agreed-upon procedures (AUP) contains the following:

- The Greenhouse Gas Emissions with Taiwan Depository & Clearing Corporation for the period from 2024-01-01 to 2024-12-31 was verified and validated.
- The verified organization-level greenhouse gas emissions include direct greenhouse gas emissions 25,0134 tonnes of CO₂ equivalent and indirect greenhouse gas emissions from imported energy 2,040,8275 tonnes of CO₂ equivalent.
- Taiwan Depository & Clearing Corporation has defined and explained its own process and pre-determined criteria for significance of indirect Greenhouse Gas Emissions and quantify and report these identified significant emissions accordingly.

For and on behalf of BSI: 
Managing Director BSI Taiwan, Peter Yu

Originally Issue: 2025-04-19 Latest Issue: 2025-05-21 Page: 1 of 4

...making excellence a habit™

The British Standards Institution is independent to the above named client and has no financial interest in the above named client. This Opinion Statement has been prepared for the above named client only for the purpose of verifying its statements relating to its carbon emissions as particularly described in the scope. It is not prepared for any other purpose. The British Standards Institution will not, in providing this Opinion Statement, accept or assume responsibility (legal or otherwise) or accept liability for or in connection with any other purpose for which it may be used by or on behalf of any person to whom the Opinion Statement may be made. The Opinion Statement is prepared on the basis of review by the British Standards Institution of information presented to it by the above named client. The review does not extend beyond such information and is solely based on it. In performing such review, the British Standards Institution has assumed that all such information is complete and accurate. Any queries that may arise in respect of this Opinion Statement or matters relating to it should be addressed to the above named client only.
Taiwan Headquarters, 2nd Floor, No. 37, Jhuia Rd., Neihu Dist., Taipei 114, Taiwan, R.O.C.
BSI Taiwan is a subsidiary of British Standards Institution.

DNV
Independent Verification Opinion

Verification Opinion No.: C755852-2024-AG-TWN-TAF
Issued Place: Taipei
Issued Date: 11 April, 2025

This is to verify initiate reporting of Greenhouse Gas Inventory Management Report (2024) of
FundRich Securities Co., Ltd.

Scope of Verification
DNV Business Assurance (DNV) has been commissioned by FundRich Securities Co., Ltd. (the Organization) to perform a verification of the greenhouse gas statements of Greenhouse Gas Inventory Management Report (2024) (hereafter the "Inventory Report") in Taiwan, R.O.C. with respect to the sites listed as below.

Site **Address**
FundRich Securities Co., Ltd. 7F1, No. 170, Dunhua North Road, Songshan District, Taipei, Taiwan

The Reporting Boundary for the verification includes direct GHG emissions and removals, indirect GHG emissions from imported energy, and other indirect GHG emissions. Further descriptions of the Reporting Boundary are provided in Appendix A.

Verification Criteria and GHG Programmes
The verification was performed on the basis of ISO 14064-1:2018 as well as criteria given to provide for consistent GHG emission identification, calculation, monitoring and reporting.
The verification was conducted in accordance with ISO 14066:2023, ISO 14065:2020, ISO 14064-3:2019

Verification Opinion
It is DNV's opinion that the Inventory Report (2024), which was published on March 29, 2025 (Version 1), is free from material discrepancies in accordance with the verification criteria identified as stated above. The opinion is decided based on the following approaches:
- For the Direct (Category 1) and Indirect GHG emissions from imported energy (Category 2), the reliability of the information within the Inventory Report (2024) were verified with reasonable level of assurance.
- For the other indirect GHG emissions, the involved information was verified using limited assurance, defined in Inventory Report.

Sophia Kim
GHG Verifier

For the issuing office:
DNV Business Assurance Co., Ltd.
20F1, No. 393, Sec. 2, Wenxua Rd.
Banqiao District, New Taipei City 220,
Taiwan

Place and date:
Taipei, 11 April, 2025


Management Representative

Look of reference of standards as set out in the Certification Agreement may render this certificate invalid.
This Verification Opinion is based on the information made available to us and the engagement conditions established above. DNV cannot be held liable for any party relying on or using this Verification Opinion.
DNV Business Assurance Co., Ltd. (DNV, the Verifier), Address: No. 228, Zhongxing Road, New Taipei City, Taiwan. Tel: +886-2-82121000, website: https://www.dnv.com/ver
© 2025 DNV AS (DNV, the Issuer)

TDCC and FundRich Greenhouse Gas Emissions Overview

Unit: tCO ₂ e/year	2024	
Category 1	28.29	
Category 2	Location-based	Market-based
	2,082.60	1,821.91
Category 3	389.88	
Category 4	6,045.45	
Total	8,546.22	8,285.53

Note1: The Global Warming Potential (GWP) values used are based on the Intergovernmental Panel on Climate Change (IPCC) Sixth Assessment Report (2023).

Note2: GHG Emission Factors: The emission factors used for the GHG inventory in Taiwan are based on the most recent version announced by the Ministry of Environment at the time of the inventory process. Regarding the electricity emission factor, as the Energy Administration had not yet announced the 2024 emission factor during Fundrich's reporting period, the 2023 factor of 0.494 kgCO₂e/kWh was used for calculations. In contrast, TDCC used the 2024 factor of 0.474 kgCO₂e/kWh for its calculations.

Note3: The GHG emissions included in the inventory cover the following gases: Carbon dioxide (CO₂), Methane (CH₄), Nitrous oxide (N₂O), Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), Sulfur hexafluoride (SF₆), and Nitrogen trifluoride (NF₃). Notably, Biogenic CO₂ emissions are reported as 0 tCO₂e/year.

Scope 3 GHG Emissions (TDCC and FundRich)

Category	TDCC	FundRich	Total
Category 3: Employee Commuting	238.13	—	238.13
Category 3: Business Travel	150.27	1.48	151.75
Category 4: Fuel- and Energy-Related Activities	375.43	8.43	383.86
Category 4: Capital Goods	3,874.95	1,325.75	5,200.70
Category 4: Use of Assets	460.90	—	460.90
Total	5,099.68	1,335.66	6,435.34

Note1: Calculated based on Category 6 - Business Travel from the WBCSD "Technical Guidance for Calculating Scope 3 Emissions", using mileage derived from business travel records and emission factors by transport mode.

Note2: Calculated using Category 2 - Capital Goods methodology from the WBCSD guidance, based on data extracted from the procurement system.

Note3: Calculated using Category 3 - Fuel- and Energy-Related Activities Not Included in Scope 1 or 2, based on energy consumption data.

Note4: TDCC and Fundrich have each set greenhouse gas inventory targets for different categories and phases. As their inventory start years differ, the inventory boundaries are not entirely the same.

GHG Emissions by Site (TDCC and FundRich)

Scope		Scope 1				Scope 2		Total GHG Emissions (tCO ₂ e/year)
2024	Emission Type	Fixed combustion emissions	Mobile combustion emissions	Process emissions	Fugitive emissions	Energy Indirect Emissions		Market-based
						Location-based	Market-based	
	Hongya Building	0.52	16.72	0.00	1.44	790.02	529.33	548.01
	Nangang Office Site I	1.26	0.00	0.00	5.00	1,250.80	1,250.80	1,257.06
	Zhubei Office Site II	0.00	0.00	0.00	0.07	0.00	0.00	0.07
	FundRich	0.00	0.00	0.00	3.28	41.78	41.78	45.06
	Each Scope Total Emissions	1.78	16.72	0.00	9.79	2,082.60	1,821.91	1,850.20
	Scope 1 & 2 as % of Total Emissions	1.47%				—	98.53%	100.00%

TDCC and FundRich Greenhouse Gas Emissions in Recent Years

Unit: metric tons CO ₂ e/year	2020	2021	2022	2023	2024 (Base Year)
Category 1	31.42	32.53	22.09	20.05	28.29
Category 2	3,116.55	2,476.22	2,004.40	1,871.48	1,821.91
Category 3	7.74	4.54	30.99	102.06	389.88
Category 4	3,665.48	5,971.81	4,417.62	1,263.15	6,045.45
Total	6,821.19	8,485.10	6,475.10	3,256.74	8,285.53

Note: In 2024, the reporting boundary was expanded, resulting in a change in greenhouse gas emissions exceeding the materiality threshold of 3%. Therefore, 2024 has been designated as the base year for the greenhouse gas inventory.

TDCC has made notable progress in promoting energy conservation and carbon reduction in recent years. In 2024, the Scope 2 emissions increased due to the inclusion of public electricity consumption in the inventory. Scope 3 emissions also rose following the addition of employee commuting and business travel to the inventory. As the pandemic subsided and TDCC's business activities expanded, the frequency of employee business trips increased, resulting in higher emissions. In response, the TDCC has actively encouraged employees to adopt lower-carbon transportation methods for business travel. For Scope 4, the TDCC's procurement of new equipment in line with internal policy led to an increase in emissions associated with capital goods.

4.3.2 Carbon Reduction Benefits of Products and Services

Carbon Reduction Benefits of TDCC's Market Digital Services			
Operation Item	 Annual Carbon Emissions(tCO ₂ e)	 Equivalent Trees' Annual Carbon Absorption (per Tree)	 Daan Forest Park Annual Carbon Absorption (per park)
TDCC e-Passbook App	7,716	643,041	107
Delivery of secondary bond trading confirmations and electronic bond passbooks	1,401	116,739	19
Online account opening for foreign investors and investment trusts	1,052	87,634	15
Dematerialized issuance of securities (funds, commercial paper, stocks)	1,118	93,167	16
Single-window access to financial inheritance information	780	64,961	11
Electronic shareholder notification service (e-Notice)	8,227	685,545	114
Total	20,294	1,691,087	282

Field descriptions and data sources are provided in the following table:



- Estimated Number of Trees Equivalent to the item (One tree can absorb an average of 12 kilograms of carbon dioxide per year)
- Forestry Bureau (President's Remarks at the 2014 Zhongzhong Memorial Tree-Planting Event)



- Estimated Number of Da'an Forest Parks Equivalent to the item (The Da'an Forest Park has over 6,000 trees, and according to the Forestry Bureau, each tree can absorb an average of 12 kilograms of carbon dioxide per year)
- Parks and Street Lights Office, Public Works Department, Taipei City Government (https://pkl.gov.taipei/News_Content.aspx?n=43E05059FCC72525&s=2FAA288D30F7BF77)

4.3.3 Carbon Neutrality

Note: The content of this section does not include FundRich.

In 2024, TDCC obtained ISO 14068-1 carbon neutrality verification from BSI, becoming the world's first central securities depository to meet the carbon neutrality standard. The TDCC has committed to achieving net-zero emissions by 2030 and has proactively supported Indigenous Forest Carbon Sink Conservation Programs, leading sustainable finance initiatives in Taiwan.

To achieve net-zero emissions, the TDCC began implementing the carbon neutrality standard in 2023 and established a short-, medium-, and long-term carbon reduction roadmap aligned with the 1.5°C target based on the Science-Based Targets initiative (SBTi). Using 2022 as the base year, the Company plans to reduce greenhouse gas emissions by 98.4% by 2030 and supplement with nature-based carbon offsets to achieve net-zero.

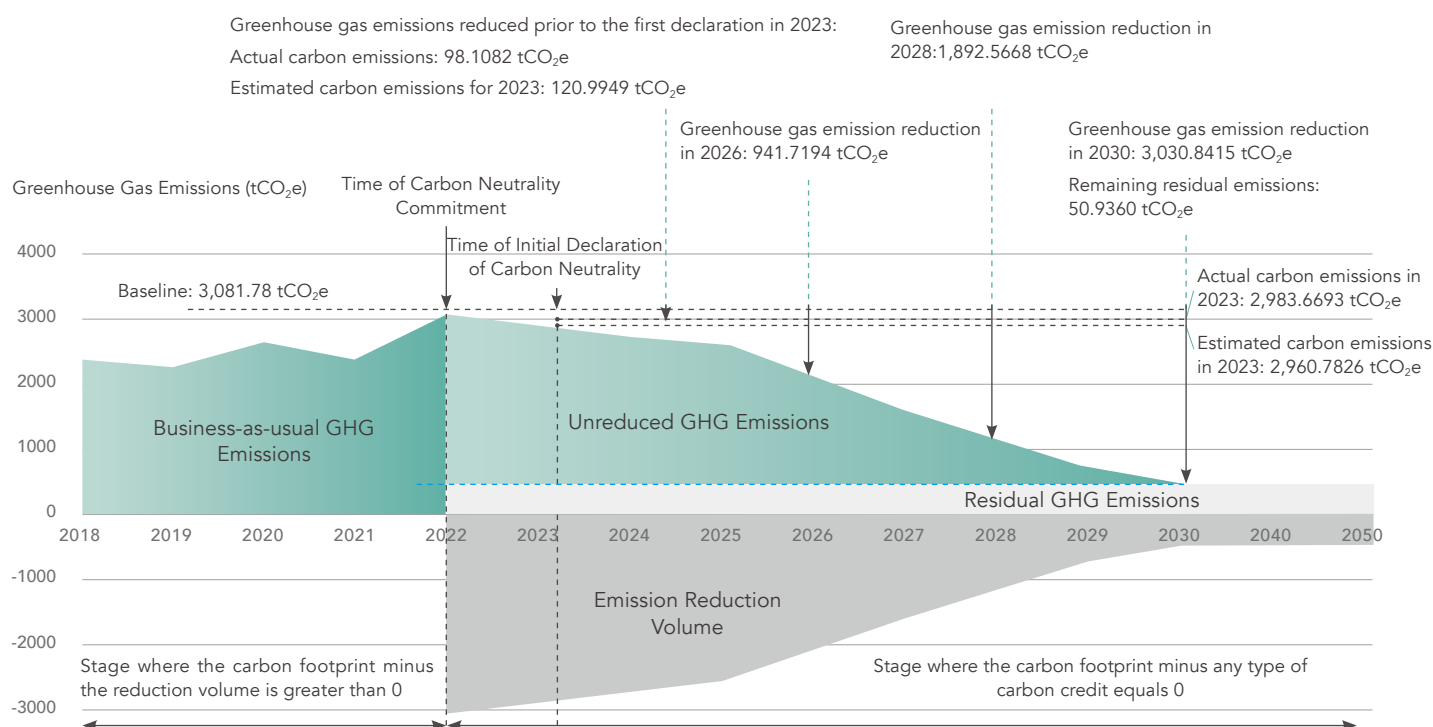


Carbon Neutrality Report

TDCC follows a carbon neutrality roadmap to gradually reduce greenhouse gas emissions, formulate carbon neutrality management plans, and achieve its carbon neutrality pathway and targets. The TDCC has implemented the following key measures to reduce emissions:

1. Replacing company vehicles with electric vehicles
2. Implementing energy-saving measures at the Hongya Building and Nangang Office Site I
3. Gradually increasing the use of renewable energy, with the goal of 100% renewable energy usage across all sites by 2030
4. Executing carbon-negative technologies (natural carbon sinks)

Carbon Neutrality Roadmap



This marks TDCC's first formal declaration of carbon neutrality, covering the period from January 1 to December 31, 2023. Based on the inventory results for the target year, residual greenhouse gas emissions totaled 2,983.67 tCO₂e. TDCC has completed the procurement and offsetting of these emissions using carbon credits sourced from projects listed under the Gold Standard and Verra platforms.

Carbon Offset Sources for the Target Year

Case Type	Certification Authority	Methodology	Location	SDGs Impact	Offset Volume (Tonne)	Vintage
Agriculture Forestry and Other Land Use	Verra	AR-AM0014	Myanmar	3, 4, 5, 7, 8, 9, 13, 14, 15	250	2021
Biogas	Gold Standard	GS TPDDTEC v3.1	Kenya	7, 8, 13	550	2021
Energy Efficiency	Gold Standard	GS TPDDTEC v 1.	Uganda	3, 5, 6, 13	500	2021
Solar Thermal Electricity	Gold Standard	ACM0002 Grid-connected electricity generation from renewable sources	Viet Nam	7, 8, 13	1,684	2020

Special Column

Promoting Indigenous Forest-Based Carbon Sinks

To echo the government's 2050 net-zero emissions policy and the Financial Supervisory Commission's Green and Sustainable Finance Action Plan, TDCC is proactively advancing net-zero carbon reduction and green transition initiatives. In compliance with the ISO 14068-1 carbon neutrality standard, the Company focuses on reducing direct and indirect greenhouse gas emissions while strengthening its greenhouse gas removal capabilities. TDCC has entered into collaboration with the Taiwan Successive Indigenous Township Mayor Association (hereinafter referred to as the TSITMA), academic experts from National Taipei University, and organizations dedicated to sustainable development and carbon credit trading. Through the signing of a memorandum of understanding (MOU) with TSITMA and the planning of participation in the Indigenous Township Carbon Sink ESG Public Welfare Platform, TDCC will join hands with Indigenous organizations and public interest groups to carry out reforestation and ecological restoration on Indigenous lands. The resulting natural carbon sinks will be used to offset TDCC's greenhouse gas emissions, thereby contributing to the achievement of its net-zero emissions goal.

This collaborative initiative is expected to generate multiple co-benefits, including ecological conservation, economic development in Indigenous communities, and the promotion of Indigenous culture—aligning with the United Nations Sustainable Development Goals (SDGs) and the Global Biodiversity Framework. In addition to demonstrating TDCC's commitment to net-zero emissions, this initiative strengthens the Company's ESG and climate risk management capabilities, raises sustainability awareness, and enhances internal capacity building. It also serves as a driving force for the sustainable finance transformation of Taiwan's financial industry.



Under this partnership, TSITMA will coordinate a professional team composed of Indigenous representatives, academic experts, verification institutions, legal and accounting firms, and other relevant parties to develop and manage the Indigenous Carbon Sink Conservation Program. Through the ESG public platform built by TSITMA, the program will match businesses with Indigenous groups. Corporations can support conservation of mountain forests or sponsor public welfare activities such as the promotion of Indigenous crops and handicrafts, thereby obtaining nature-based carbon offsets and achieving a synergistic triple-win outcome for the environment, enterprises, and Indigenous communities.

4.4 Green Operations



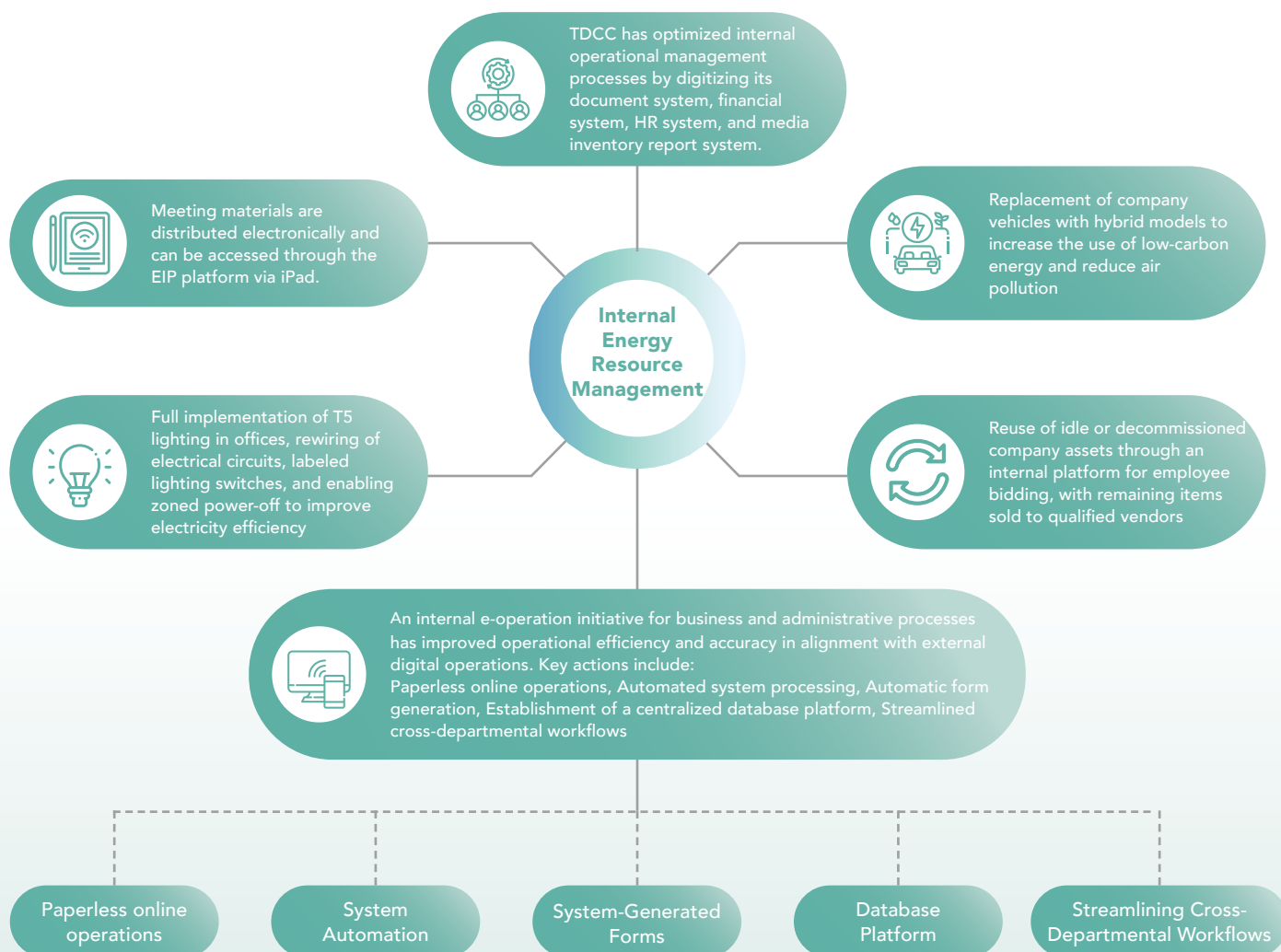
ESG Investment

To fulfill its overall sustainable development strategy and advance toward net-zero emissions and sustainable transformation, TDCC has invested in eligible instruments recognized under the Taipei Exchange's "Operational Directions for Sustainable Bonds." Through such investments in sustainable development bonds, TDCC aims to contribute to environmental protection and social progress



Green Procurement

To implement low-carbon initiatives, TDCC continues to prioritize the internal procurement of products certified with eco-labels, such as air conditioners, dehumidifiers, refrigerators, printers, and paper. In addition, its energy policy stipulates the procurement of energy-efficient equipment, emphasizing improved energy usage efficiency.



4.4.1 Sustainable Finance

Note: The content of this section does not include FundRich.

Carbon Footprint Analysis and Results for Investment and Financing (PCAF)

As part of its overarching sustainability strategy and efforts toward net-zero emissions and sustainable transformation, TDCC continues to invest in sustainable development bonds that meet the eligibility criteria outlined in the Taipei Exchange's "Operational Directions for Sustainable Bonds." Through this investment philosophy, TDCC furthers both environmental and social development goals.

TDCC calculates the carbon emissions of its investment portfolio using the methodology provided by the Partnership for Carbon Accounting Financials (PCAF). Asset classes included in the calculations comprise equity investments, corporate bonds, and sovereign bonds. In 2024, the total greenhouse gas emissions from the investment portfolio, excluding land use, land-use change, and forestry (LULUCF), amounted to 83,183.28 tCO₂e. Among these, unlisted corporate bonds accounted for the largest share in both emission volume and carbon intensity, representing 98.85% of total emissions with a carbon intensity of 9.90 tCO₂e per NT\$1 million.

Greenhouse Gas Emissions of the 2024 Investment Portfolio (tCO₂e) by Asset Class

Classification by Asset Type	Item		Assigned Emissions (tCO ₂ e)	Carbon Intensity (tCO ₂ e/NT\$ million)	Data Quality	Coverage Ratio	Share of Emissions (Excluding LULUCF)
	Listed Corporate Bonds		9.14	0.0044	1.0000	80.44%	0.01%
	Unlisted Corporate Bonds		82,230.70	9.9010	1.0602	60.86%	98.85%
	Unlisted Equity Investments		124.72	0.0524	1.1666	100.00%	0.15%
	Sovereign Bonds	Including LULUCF	756.21	5.0769	2.0000	100.00%	-
		Excluding LULUCF	818.72	5.4966			0.99%
	Total						
	Including LULUCF		83,120.77	6.4485	1.081	68.82% (Note)	-
	Excluding LULUCF		83,183.28	6.4533			100%

Note1: The coverage ratio for listed and unlisted corporate bonds has not yet reached 100%, primarily because TDCC's investments include several green and sustainable development bonds. Since PCAF has not yet published specific methodologies for these instruments, and current domestic references, such as the Carbon Emission Accounting Manual for Financial Institutions or commissioned research by industry associations, do not provide standardized calculation principles, these assets are temporarily excluded from the emission calculations.

Note2: TDCC's investment holdings have been updated to reflect the portfolio as of the end of 2024. However, because most investee companies have not yet published their 2024 financial reports and carbon emissions data, the calculations still rely on data from the end of 2023.

Note: The content of this section does not include FundRich.

4.4.2 Sustainable Procurement

Supplier Management

To fulfill TDCC's vision and strategy for sustainable operations and expand its sphere of influence, the Company not only promotes sustainable practices within its own operations and internal culture, but also seeks to work hand in hand with suppliers to jointly implement ESG (Environmental, Social, and Governance) policies. These efforts aim to uphold high ethical standards, protect labor rights, and promote environmental stewardship.

TDCC sources 100% of its suppliers locally and has implemented the "Supplier Sustainability Advocacy Policy" to encourage suppliers to adhere to corresponding codes of conduct. As of the end of 2024, all suppliers had signed the policy, achieving a 100% compliance rate.

Local and Green Procurement

To promote low-carbon operations, the Company continues to prioritize the procurement of products bearing environmental labels, such as air conditioners, dehumidifiers, refrigerators, printers, paper, and other office equipment and supplies. The Company's energy policy also explicitly states the principle of prioritizing the purchase of energy-efficient equipment and emphasizes the importance of enhancing energy usage efficiency. In addition, to reduce greenhouse gas emissions generated during transportation, the Company actively practices local procurement principles. In 2024, the Company achieved a 100% local procurement ratio.



Category	Procurement Amount (NT\$ thousand)	Proportion (%)
Local Procurement Amount	999,295	100

Note1: The above statistical information includes all TDCC operational locations.

Note2: Local procurement refers to purchases made within the Company's operational location in Taiwan.

Operational Carbon Reduction



- TDCC has optimized internal operational management processes by digitizing its document system, financial system, HR system, and media inventory report system.



- An internal e-operation initiative for business and administrative processes has improved operational efficiency and accuracy in alignment with external digital operations. Key actions include:

- Paperless online operations
- Automated system processing
- Automatic form generation
- Establishment of a centralized database platform
- Streamlined cross-departmental workflows



- Full implementation of T5 lighting in offices, rewiring of electrical circuits, labeled lighting switches, and enabling zoned power-off to improve electricity efficiency



- Replacement of company vehicles with hybrid models to increase the use of low-carbon energy and reduce air pollution



- Reuse of idle or decommissioned company assets through an internal platform for employee bidding, with remaining items sold to qualified vendors



- Meeting materials are distributed electronically and can be accessed through the EIP platform via iPad.



CH5

Safeguarding Employee Wellbeing

Employees are the foundation of an enterprise. TDCC regards human capital as its core mission. In line with its sustainability vision, embrace of innovative technologies, and expansion of diversified operations, the Company has established comprehensive talent acquisition, development, retention, and empowerment systems. Through competency development, rights protection, and work-life care, TDCC is committed to creating a happy and supportive workplace.

- ⑤ 5.1 Talent Attraction
- ⑤ 5.2 Talent Cultivation
- ⑤ 5.3 Human Rights and Labor Relations
- ⑤ 5.4 Workplace Safety and Health Management

Alignment with the United Nations Sustainable Development Goals (SDGs)



Material Topics and Corresponding GRI Standards

- GRI 401: Employment
- GRI 402: Labor/Management Relations
- GRI 403: Occupational Health and Safety
- GRI 404: Training and Education

Corresponding Material Topics

- Talent cultivation and development

Priority Stakeholders

- Shareholders/Investors
- Suppliers/Contractors
- Communities/Employees

5.1 TALENT ATTRACTION

To promote sustainable development and the transfer of knowledge, TDCC upholds "CARE" (Creativity, Appreciation, Responsibility, Excellence) as its core value. Employees are encouraged to be innovative, grateful, responsible, and committed to excellence. "CARE" itself also conveys attention, compassion, and care. In the era of AI-driven transformation, it is even more essential to care about issues, people, society, and the environment. This value helps the Company maintain momentum amid change.

5.1.1 TALENT RECRUITMENT

Talent is the key to a company's continuous growth. In recent years, TDCC has actively built its employer brand by leveraging digital marketing and utilizing diverse platforms and tools to reach potential job seekers. The Company increases its online presence to improve public awareness of TDCC. New hires are encouraged to produce their own recruitment videos, which are published on the Company's website and YouTube channel. Additionally, podcasts have been recorded to introduce the TDCC e-Passbook App, virtual shareholders' meetings, and FinTech trends. These popular channels help TDCC attract attention from the general public.

Employee Composition and Diversity

In line with the spirit of workplace diversity and care for disadvantaged groups, TDCC primarily hires local talent in Taiwan. In compliance with regulations, the Company also ensures employment opportunities for persons with disabilities. As of the end of 2024, TDCC and FundRich employed a total of 600 full-time employees and 15 non-full-time workers, amounting to 615 staff members in total. Over the past three years, the headcount has remained relatively stable.

Number of Regular and Non-Regular Employees at TDCC and FundRich in Recent Years

Year	2022		2023		2024	
	Regular Employees	Non-Regular Employees	Regular Employees	Non-Regular Employees	Regular Employees	Non-Regular Employees
Female	266	4	268	3	270	3
Male	310	11	315	13	330	12
Total	576	15	583	16	600	15

Employee Composition in 2024

	Taiwan Depository & Clearing Corporation				FundRich				Total			
	Labor Employment Contract		Type of Employment		Labor Employment Contract		Type of Employment		Labor Employment Contract		Type of Employment	
	General Hire		Full-Time Employees		General Hire		Full-Time Employees		General Hire		Full-Time Employees	
	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%
Female	230	43.64	230	43.64	40	54.79	40	54.79	270	45.00	270	45.00
Male	297	56.36	297	56.36	33	44.21	33	44.21	330	55.00	330	55.00
Total	527	100.00	527	100.00	73	100.00	73	100.00	600	100.00	600	100.00

Note1: Among regular employees of local nationality, 9 are persons with disabilities; there are no Indigenous employees.

Note2: In addition, student guides are employed at the Stock Museum; however, as their headcount and working hours are irregular, they are not included in the table.

Note3: Regular employees under employment contracts refer to general hires (permanent employment) and are all full-time staff; there are no fixed-term (temporary), zero-hour, or part-time employees.

Note4: Non-regular employees refer to non-staff workers, including drivers, security personnel, and general service assistants hired through staffing agencies.

Structure of New Hires and Departures in 2024

		Taiwan Depository & Clearing Corporation				FundRich				Total			
		New Hires		Departures		New Hires		Departures		New Hires		Departures	
		Number of Individuals	Proportion of Total Employee Count	Number of Individuals	Proportion of Total Employee Count	Number of Individuals	Proportion of Total Employee Count	Number of Individuals	Proportion of Total Employee Count	Number of Individuals	Proportion of Total Employee Count	Number of Individuals	Proportion of Total Employee Count
Female	Under 30	3	0.57%	0	0.00%	6	8.22%	1	1.37%	9	1.50%	1	0.17%
	Age 30 to 50	2	0.38%	4	0.76%	7	9.59%	7	9.59%	9	1.50%	11	1.83%
	Over 50	0	0.00%	4	0.76%	1	1.37%	2	2.74%	1	0.17%	6	1.00%
Male	Under 30	10	1.90%	1	0.19%	2	2.74%	2	2.74%	12	2.00%	3	0.50%
	Age 30 to 50	15	2.85%	5	0.95%	6	8.22%	5	6.85%	21	3.50%	10	1.67%
	Over 50	0	0.00%	4	0.76%	0	0.00%	1	1.37%	0	0.00%	5	0.83%
Total		30	5.70%	18	3.42%	22	30.14%	18	24.66%	52	8.67%	36	6.00%

Note1: Only regular employees are included (including the Chairperson). The age group of "Age 30 to 50" refers to employees aged 31 through 50, while the "Over 50" group refers to those above 50 years of age, excluding 50.

Note2: New hire rate = Total number of new hires ÷ Total number of employees

Note3: Turnover rate = Total number of departures ÷ Total number of employees

Note4: The above statistical information includes all TDCC operational locations.

The Company embraces diversity and inclusiveness in its recruitment practices, welcoming employees from various educational systems and backgrounds. All employees possess industry-relevant professional knowledge or skills and are assigned positions appropriate to their experience, qualifications, and seniority. The educational background and job category breakdown of TDCC employees are as follows:

Educational Background of Employees in 2024

Category	Group	TDCC				FundRich				Total			
		Male		Female		Male		Female		Male		Female	
		Number of Individuals	%	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%
Education Background	High school or below	5	0.95%	15	2.85%	0	0.00%	0	0.00%	5	1.52%	15	5.56%
	Junior college	29	5.50%	52	9.87%	5	6.85%	3	4.11%	34	10.30%	55	20.37%
	Bachelor's degree	118	22.39%	72	13.66%	20	27.40%	31	42.47%	138	41.82%	103	38.15%
	Master's degree	144	27.32%	91	17.27%	8	10.96%	6	8.22%	152	46.06%	97	35.93%
	Doctorate	1	0.19%	0	0	0	0.00%	0	0.00%	1	0.30%	0	0.00%

Note: Only regular employees are included.

Employee Position Structure in 2024

Category		TDCC				FundRich				Total			
		Supervisor		Non-supervisor		Supervisor		Non-supervisor		Supervisor		Non-supervisor	
		Number of Individuals	%	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%	Number of Individuals	%
Gender	Female	18	3.42	212	40.23	4	5.48	36	49.32	22	3.67	248	41.33
	Male	21	3.98	276	52.37	1	1.36	32	43.84	22	3.67	308	51.33
	Total	39	7.40	488	92.60	5	6.84	68	93.16	44	7.33	556	92.67
Age	Under 30	0	0.00	40	7.59	0	0	14	19.18	0	0.00	54	9.00
	Age 30 to 50	0	0.00	221	41.94	4	5.48	49	67.12	4	0.67	270	45.00
	Over 50	39	7.40	227	43.07	1	1.36	5	6.85	40	6.67	232	38.67
	Total	39	7.40	488	92.60	5	6.85	68	93.15	44	7.33	556	92.67

Note1: At TDCC, managerial positions include directors, deputy directors, and Senior Vice President; at Fundrich, managerial positions refer to division heads and department managers.

Note2: The breakdown includes gender and age categories; the Company does not employ staff of differing race/ethnicity (nationality).

Note3: The age group of "Age 30 to 50" refers to employees aged 31 through 50, while the "Over 50" group refers to those above 50 years of age, excluding 50.

5.1.2 COMPENSATION SYSTEM AND RETENTION

Salary Policy

Note: The content of this section does not include FundRich.

TDCC has established a fair, reasonable, and competitive compensation system, with salary levels determined based on educational background. The policy is open and transparent, reinforcing the Company's competitive advantage in attracting high-caliber talent. All employees are required to set performance targets in line with the Company's annual business plan, which covers economic, environmental, and social aspects, and progress is reviewed quarterly. The results of annual performance evaluations, as well as outstanding business performance, are reported to the competent authority for performance assessment purposes. Employee remuneration at all levels is not affected by gender, thereby ensuring gender equality in the workplace. In 2024, the average salary for both male and female entry-level employees exceeded the national minimum wage, reflecting the Company's emphasis on and trust in its employees' professional capabilities.

Ratio of Women's to Men's Basic Salary and Total Compensation

year	Male	Female	Local Minimum Wage (Taiwan)
2024	2.67	2.66	1

Note1: Entry-level employees refer to non-managerial staff below the team leader level.

Note2: The above statistical information includes all TDCC operational locations.

The statistical information above covers all operational sites of the Company. The benefits offered to contracted personnel differ from those for full-time employees. In addition to statutory entitlements such as special leave, labor insurance, national health insurance, and pension contributions, the key benefits are as follows:

- I. Outsourced drivers: group insurance, festival bonuses (three major holidays).
- II. Temporary student workers: group insurance, scholarships.

Retirement Pension Plan

| Note: Applicable to employees only.

TDCC

• **Superannuation (prior to December 31, 1995)**

In accordance with TDCC's original employee retirement, service bonus, and bereavement payment policy, years of service and job level as of December 31, 1995, are preserved and calculated. A one-time payment will be made upon retirement, and the calculation may be adjusted in accordance with the Company's salary standards.

• **Mandatory Pension Contribution (January 1, 1996 to February 28, 1998)**

Employees contributed 3% of their monthly salary as "Voluntary Pension Contribution". The Company contributed at least 6.5% as "Mandatory Pension Contribution", and an additional 1.5% as "Mutual Pension Contribution". Upon retirement, employees receive a one-time payment comprising the principal and interest of "Voluntary Pension Contribution" and "Mandatory Pension Contribution".

• **Defined Contribution Plan (Applicable to the Labor Standards Act, referred to as the Old Labor Pension System)**

Under TDCC's Personnel Management Policy, the Company contributed to both Mandatory Pension Contribution and Mutual Pension Contribution. Upon retirement, the sum of these contributions (plus interest) is compared with the pension amount calculated under the Labor Standards Act (average monthly salary × service years). The higher amount is paid, with the Company covering any shortfall.

• **Defined Contribution Plan (Applicable to the Labor Pension Act, referred to as the New Labor Pension System)**

Under TDCC's Personnel Management Policy, the Company contributed to both Mandatory Pension Contribution and Mutual Pension Contribution. The accumulated amount is paid out in a lump sum upon retirement.

Fundrich

All Fundrich employees are covered by the Labor Pension Act (New Scheme), under which the company makes fixed monthly contributions based on a percentage of each employee's salary to their individual pension accounts.

5.1.3 EMPLOYEE BENEFITS

Employee Benefits

| Note: The content of this section does not include FundRich.

TDCC values not only compliance with statutory benefits, such as group insurance, annual leave, and retirement/severance pay, but also places great emphasis on work-life quality. Consequently, together with the Employee Welfare Committee, TDCC offers a wide range of financial incentives, medical protections, and supportive benefits:

Welfare Measures

• **Marriage allowance**
NT\$12,000 per employee

• **Bereavement allowance**
Covers parents, spouse, and children

• **Partner discounts**
With partner vendors, including restaurants, hotels, shops, postpartum centers, etc.

• **Severance consolation payment**

• **Hospital visit fruit baskets, delivered during employee hospitalization**

• **Year-end bonuses, employee remuneration, festival bonuses, and holiday gifts**

• **Childbirth incentives and subsidies**

Childcare subsidies for preschool-aged children
Monthly subsidy for children under 5 years old

Nursery allowances
Semi-annual subsidy for children under 12 years old

Educational support for children
Subsidies vary by education level

• **Breastfeeding (nursing) rooms are located in office buildings to promote breastfeeding and support infant health.**

• **Hospitalization subsidies for employees and dependents**

• **Birthday gifts, employee self-organized trips, and health checkups**

Employee Welfare Committee

Note: The content of this section does not include FundRich.

TDCC's Employee Welfare Committee oversees and manages welfare-related operations, providing comprehensive care and benefits to employees. This fosters a strong sense of belonging and loyalty, helping employees thrive both professionally and personally. The Committee convenes quarterly to review proposals and budgets related to employee travel, club activities, mutual assistance funds, and community service initiatives. Its goal is to continually improve the workplace experience.

Employee Welfare Activities in 2024

Employee Self-Organized Trips

TDCC subsidizes both domestic and overseas employee trips annually, including group and travel insurance expenses. Employees are encouraged to bring family members along to enhance bonding, unwind from daily work, and enjoy quality time together.



Employee Trip to Morocco

Club Activities

The Employee Welfare Committee has approved and supports 14 active employee clubs, including: Charity Club, Badminton Club, Yoga Club, Dance Club, Softball Club, Tai Chi Club, Table Tennis Club, Basketball Club, Handicraft Club, Buddhist Studies Club, Cycling Club, Photography Club, and Golf Club. These clubs actively participate in competitions organized by financial institutions and industry affiliates, frequently achieving outstanding results.



Yoga Club Participation in the 13th Securities & Futures Cup Yoga Competition

Parental Leave without Pay

TDCC & FundRich has implemented a parental leave without pay mechanism. The reinstatement status is detailed as follows:

Item	TDCC			FundRich			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Total number of applications for parental leave in 2024	0	2	2	0	1	1	0	3	3
Expected number of employees returning to work in 2024	0	0	0	0	0	0	0	0	0
Actual number of employees returning to work in 2024	0	0	0	0	0	0	0	0	0
Actual number of employees returning to work in 2023	1	2	3	0	0	0	1	2	3
Number of reinstated employees in 2023 who remained employed for over one year	1	2	3	0	0	0	1	2	3
Return rate	100%	100%	100%	100%	100%	100%	100%	100%	100%
Retention rate	100%	100%	100%	100%	100%	100%	100%	100%	100%

Note 1: Actual return-to-work figures include those who returned early.

Note 2: Return rate = Actual number of reinstated employees ÷ Expected number of returning employees; Retention rate = Number of reinstated employees who remained employed for over one year ÷ Actual number of reinstated employees

Note 3: Only regular employees are included.

5.2 TALENT CULTIVATION

To drive continuous innovation in response to the rapid evolution of digital technologies in the financial sector, TDCC and FundRich actively recruit top talent across diverse fields to provide the market and society with novel, creative, and convenient services. At the same time, the companies are committed to the training and education of employees to ensure their capabilities and knowledge keep pace with industry trends, enabling them to thrive in the digital financial era.

5.2.1 DIVERSE TALENT DEVELOPMENT

Employee Training

To provide more innovative and user-friendly services and support the diversification of departmental functions, the companies not only organize internal training programs and send employees to external training, but also emphasize IT and cybersecurity-related training in response to developments in digital finance. Professional organizations are commissioned to offer courses on subjects such as personal data certification, data protection and security awareness, hacking methods, and trend analysis, strengthening employees' ability to identify cyberattacks. Additional training programs include fire safety seminars, ISO standard introductions, and anti-money laundering courses. Employees have access to multiple learning channels, including in-person training courses and the digital learning platform e-Training. The Fundrich e-Training digital learning platform is scheduled to launch in 2025.

In accordance with the "Employee Professional Certification Subsidy and Management Guidelines," TDCC offers subsidies and guidance to help employees obtain professional certifications and has established a management system for certification validity and maintenance. Employees pursuing further studies at domestic or overseas graduate schools or attending pre-bar training for attorneys may apply for a leave of absence under the "Employee Leave without Pay Application Guidelines."

In 2024, TDCC had 527 full-time employees, with an average training duration of 39.60 hours per person — a 9.12% increase compared to 2023 (36.29 hours). Fundrich had 73 full-time employees, with an average of 47.01 training hours per person — a 20.63% increase from 2023 (38.97 hours). The company continues to enhance skills and knowledge essential to daily operations and business development.

The Training Hours for the Various Courses in 2024 are Outlined Below:

2024 Employee Training Statistics									
Employee Category	TDCC				FundRich				Total
	Supervisor		Non-supervisor		Supervisor		Non-supervisor		
	Male	Female	Male	Female	Male	Female	Male	Female	
Total training hours	778.50	824.40	10,741.10	7,279.80	178.00	191.00	1,507.00	1,603.40	23,103.20
Average training hours	37.07	45.80	38.92	34.39	89.00	47.75	47.09	44.54	384.56
Total number of employees in the category	39		488		6		68		601

Note: FundRich statistics include TDCC seconded employees.

2024 Employee Training Table									
Employee Education Training	TDCC			FundRich			Total		
	Number of Trainees	Number of Courses	Total Training Hours	Number of Trainees	Number of Courses	Total Training Hours	Number of Trainees	Number of Courses	Total Training Hours
In-person courses	5,979	868	19,623.8	965	60	3,479	6,944	928	23,102.8
Online courses	1,105	41	1,245	–	–	–	1,105	41	1,245
Total course hours	20,868.8			3,479			24,347.8		
Total Training Expenditure	NT\$234.5 million			NT\$1.31 million			NT\$247.6 million		

Note1: Only regular employees are included.

Note2: Including occupational safety education training.

TDCC List of Comprehensive Training Courses

Course Category	Number of Trainees	Number of Courses	Total Training Hours
Information Technology Professional	564	11	1,692
Digital Technology and Sustainable Management	427	13	1,257.5
Legal Compliance	1,017	16	3,703
Professional Certification	11	11	-
New Employee Orientation	93	3	527
Special Lectures	637	27	3,333
CIP and Financial Industry	674	16	1,785.5
Learning Reflections	194	6	225
Others	2,277	45	4,596.8
English Language Courses	85	720	2,504

Note1: Only regular employees are included.

Note2: Occupational safety and health training courses are calculated independently and not included in the above. For detailed information, please refer to [Chapter 5.4 Workplace Safety and Health Management](#).

FundRich List of Comprehensive Training Courses

Course Category	Number of Trainees	Number of Courses	Total Training Hours
Pre-Employment Training for Securities Brokers	3	1	36
On-the-Job Training for Securities Brokers	26	21	175.5
AML/CFT Certification and On-the-Job Training	6	5	72
Sustainable Development	143	6	430
Financial Technology	8	6	133.9
Information Security	148	8	423
Organizational Culture Development	215	7	1,720
Financial Literacy	53	1	53
Other Mandatory Education and Training	363	5	436

Note: Only regular employees are included.

5.2.2 PERFORMANCE EVALUATION

TDCC

The Company places great importance on its performance management system. All full-time employees are required to undergo regular annual performance evaluations, which serve as a key basis for human resource management and talent development. The evaluation process is conducted in accordance with the "Annual Employee Performance Evaluation Guidelines," and is carried out objectively and fairly by supervisors at all levels based on employees' daily performance.

To ensure consistency and a solid foundation in the assessment process, TDCC has divided the annual evaluation into three phases. Regular evaluations will be conducted in the December–April and May–September periods, while the year-end evaluation will take place in October and November. Employees are required to complete a performance evaluation form detailing their responsibilities, special achievements, and areas for improvement during the review period, which serves as a crucial reference for supervisors.

Supervisors must assess performance based on actual work results and documented facts. Upon completion of each interim evaluation, department heads review the assessments made by supervisors and conduct performance review meetings with employees. After employees confirm and sign the evaluation form, the department head assigns the final score. This process ensures transparency and employee engagement, while promoting effective communication and mutual understanding between employees and their supervisors.

As of the end of November 2024, 46 managerial employees were subject to performance evaluation, and all 46 were evaluated. Among non-managerial employees, 479 were originally subject to evaluation. After excluding 5 employees on unpaid leave, extended sick leave, or maternity leave, the adjusted number was 474, all of whom were evaluated — resulting in a 100% evaluation rate.

FundRich

All full-time employees undergo regular performance evaluations, forming a key part of talent development and HR management. Evaluations follow the Employee Evaluation Guidelines and include new hire and annual reviews. New hires are assessed after three months of service. Annual evaluations are conducted twice a year (January–June and July–December). Employees complete self-assessments covering job performance, achievements, and areas for improvement. Supervisors then conduct fair and objective evaluations based on actual performance, followed by review and final scoring by department heads after a feedback meeting.

As of December 2024, 6 managerial and 65 non-managerial employees were subject to evaluation, all of whom were assessed, resulting in a 100% completion rate.

5.3 HUMAN RIGHTS AND LABOR RELATIONS

5.3.1 HUMAN RIGHTS POLICY

Note: The content of this section does not include FundRich.

Diversity, Equality, and Human Rights

TDCC values the promotion of diversity and equality within the organization and is committed to upholding international human rights conventions, including the Universal Declaration of Human Rights and the United Nations Global Compact. The Company also strictly complies with labor regulations in Taiwan, such as the Labor Standards Act and the Gender Equality in Employment Act. TDCC aims to establish proper management methods and procedures to prevent any infringement or violation of human rights. The "Human Rights Commitment and Policy" was approved and announced by the President to create a safe and reassuring workplace environment and foster a positive corporate culture.



Human Rights
Commitment and Policy

Human Rights Management Strategies

Human Rights Topics and Management Measures for Employees:

- Establishment of a secure and confidential grievance mechanism
- Open and accessible communication channels
- Employee safety mechanisms such as security guards and access control
- Promotion and training on workplace equality and safety policies
- Implementation of employee assistance programs
- Reasonable staffing and job assignment
- Labor law education and full disclosure
- Strict compliance with labor laws and attendance control
- Leadership and management training for supervisors

Management Principles

Human rights are managed through internal company regulations and internal audits, with the following principles established:

- Full compliance with national labor laws
 - Prohibition of forced labor
 - Reasonable working hours and rest periods
 - Prohibition of discrimination and harassment
- Freedom of association
 - Implementation of equal treatment and mutual respect
 - Equal pay for equal work
 - Maternity protection

Workplace Equality

TDCC upholds gender equality and mutual respect in the workplace. The Company has established the “Regulations for Prevention, Complaint, and Disciplinary Measures on Workplace Sexual Harassment.” This includes setting up dedicated complaint channels such as a hotline, fax number, and email address, and prominently displaying this information in the workplace. A designated unit is responsible for handling workplace sexual harassment complaints. In 2024, TDCC received no complaints related to discrimination or workplace sexual harassment, and no such incidents occurred.

5.3.2 LABOR-MANAGEMENT COMMUNICATION

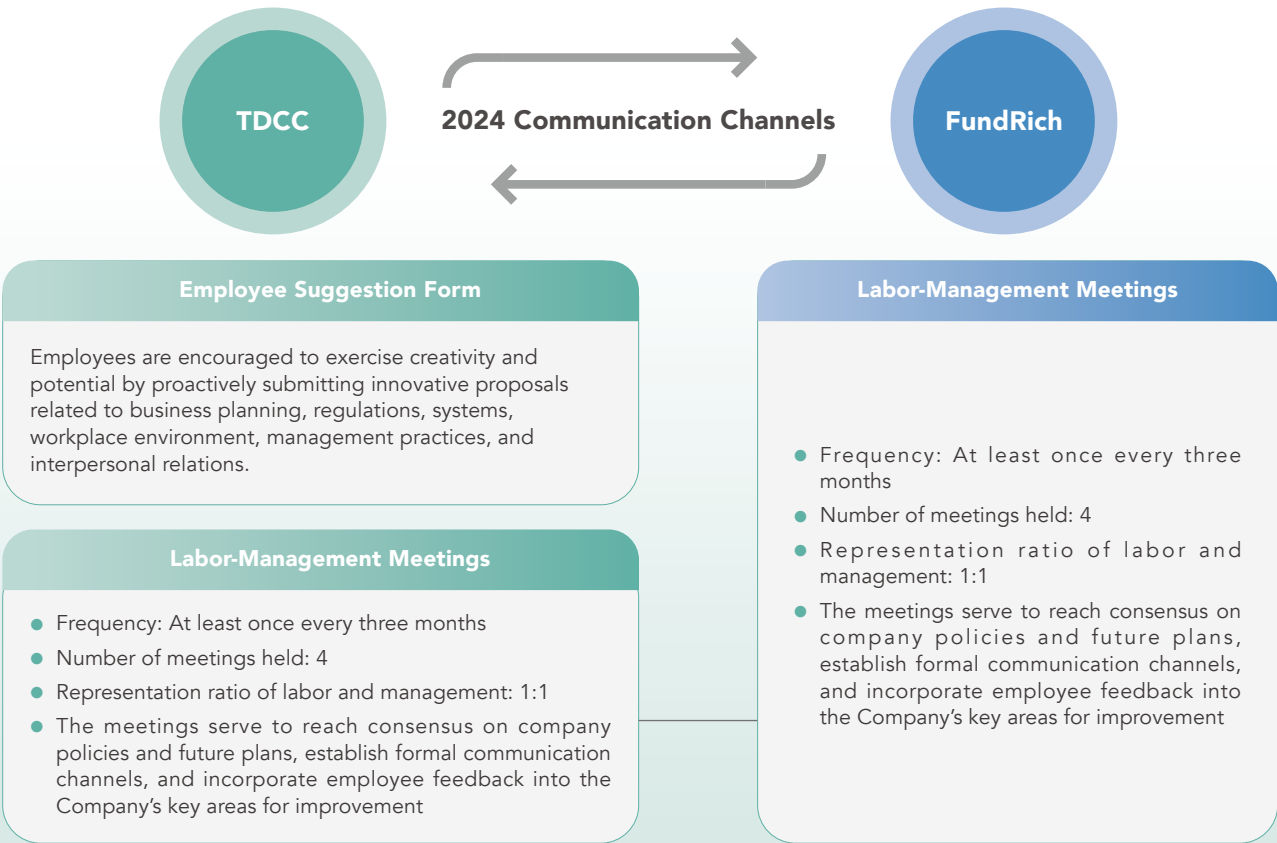
Labor-Management Communication

TDCC regards its employees as family-like partners and important stakeholders. Through regular labor-management meetings, employee feedback mechanisms, and interviews, the Company has established multiple communication channels to listen to employees, monitor their work status, and continue enhancing workplace friendliness.

In the event of major operational changes due to shifts in ownership or significant adjustments in business scope that may impact employees’ working conditions, the Company shall provide advance notice according to Article 16 of the Labor Standards Act: Where a worker has worked continuously for more than three months but less than one year, the notice shall be given ten days in advance; where a worker has worked continuously for more than one year but less than three years, the notice shall be given twenty days in advance; where a worker has worked continuously for more than three years, the notice shall be given thirty days in advance. This aims to mitigate the impact of position changes on employees and safeguard their employment rights.

The TDCC Enterprise Union was established in May 2023. Through collective bargaining meetings, the Company negotiates with the union on matters such as employee benefits, fostering integrity-based and harmonious interaction and promoting inclusive collaboration.

Note: Employees of FundRich are not included in the TDCC’s Labor Union.

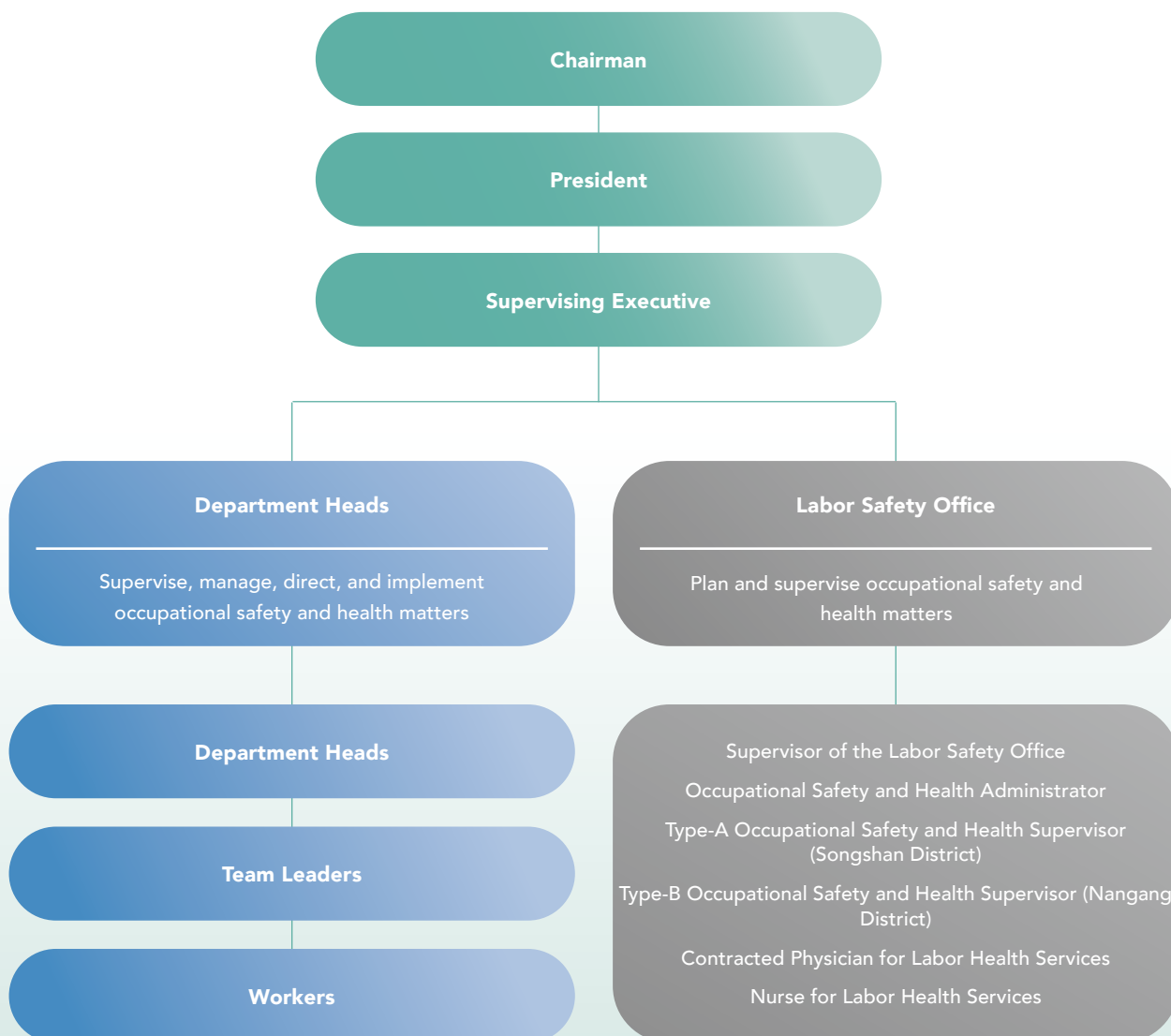


5.4 WORKPLACE SAFETY AND HEALTH MANAGEMENT

TDCC is committed to maintaining a safe and healthy work environment. In accordance with the Occupational Safety and Health Act, the Company has established a Labor Safety Office and holds irregular meetings of the Occupational Safety and Health Committee. Plans are updated in accordance with regulatory changes, published for implementation, and communicated to all employees. Related announcements are also disclosed in the "Occupational Safety and Health and Sexual Harassment Prevention Section" of the Company's internal website. In addition, grievance channels for unlawful workplace conduct, bullying, and sexual harassment are established based on these plans, and environmental inspections and preventive improvements are carried out jointly by supervisors and labor representatives in a rolling manner. Besides complying with occupational safety and health regulations, TDCC also manages personal health data under the Taiwan Personal Information Protection and Administration System (TPIPAS). The Company further promotes various workplace safety and health initiatives to foster a comprehensive and sustainable work environment. In 2024, total working hours were 1,032,872 hours for full-time employees and 42,715 hours for part-time employees, totaling 1,075,587 hours. No occupational injury incidents occurred.

FundRich, to safeguard the health and safety of employees, provides annual health checkups to all employees beyond regulatory requirements to support early detection and treatment. In accordance with Article 34 of the Occupational Safety and Health Act, FundRich has established its own Safety and Health Work Guidelines with comprehensive measures to ensure and promote employee health and safety. In 2024, no occupational injuries occurred at FundRich.

• TDCC Occupational Safety and Health Organization Chart



5.4.1 LABOR HEALTH AND OCCUPATIONAL SAFETY AND HEALTH MANAGEMENT

• Labor Health and Occupational Safety and Health Management

Note: The content of this section does not include FundRich.

Summary of TDCC's Key OSH Programs:

Name	Description
Occupational Safety and Health Management Regulations	Establishes internal management procedures and documentation for supervisors at all levels to manage, direct, and oversee personnel involved in occupational safety and health, and sets up the OSH organization.
Safety and Health Work Guidelines	Specifies the contents of the work code and establishes a system for executing occupational safety and health tasks.
Occupational Safety and Health Management Plan	Aims to achieve OSH management goals by taking timely corrective and preventive actions.
Safety and Health Self-Inspection Plan	Conducts regular proactive inspections of OSH matters to eliminate or control hazards and prevent accidents.
Ergonomic Hazard Prevention Plan	Implements preventive measures for employees performing repetitive tasks.
Prevention Plan for Diseases Induced by Abnormal Workloads	Introduces relevant disease prevention measures for employees working shifts, night hours, or extended hours.
Prevention Plan Against Unlawful Acts During Duty	Implements violence prevention measures during duty to prevent employees from suffering physical or mental harm caused by others.
Maternal Worker Health Protection Plan	Applies hazard assessment, control, and tiered management to protect maternal health.
Regulations for Prevention, Complaint, and Disciplinary Measures on Workplace Sexual Harassment	Provides a workplace and service environment free from sexual harassment by adopting appropriate prevention, correction, disciplinary, and handling measures.

To maintain a safe and healthy workplace, TDCC organizes training courses on hazard prevention, disaster prevention and response, and first aid. A total of 2,008 participants received training, as detailed below:

Course Category	Course Name	Number of Trainees	Number of Courses	Total Course Hours
Occupational Safety Education Training	General safety training for new and current employees	250	5	15
	Training on hazard prevention and communication skills under the prevention plan for unlawful infringement, targeting supervisors at the team level and above.	112	2	4
	Seminar on the prevention of unlawful acts during duty and introduction to the employee assistance program	214	3	6
	In-service training for OSH administrators	2	1	6
	Basic first aid, safety and health training for designated first-aid personnel.	32	12	196
	Refresher training on health and safety for designated first-aid personnel.	10	5	15
	Sexual harassment prevention awareness course	506	6	12
Disaster Prevention, Emergency Response, and First Aid	Fire and earthquake evacuation concepts (including emergency medical response management)	385	6	18
	AED & CPR course for all employees	497	15	7.5

Note: Only regular employees are included.

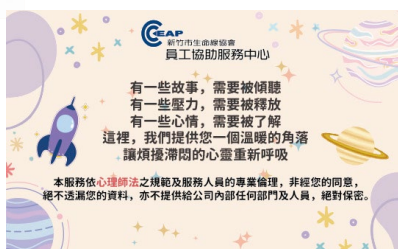
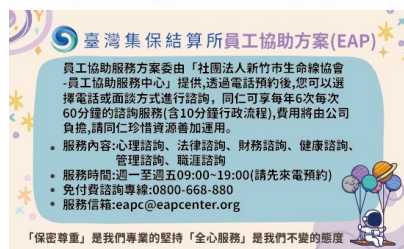
Note: The content of this section does not include FundRich.

5.4.2 HEALTH PROMOTION AND HEALTHCARE

Note: The content of this section does not include FundRich.



- TDCC has obtained the Healthy Workplace Certification and the AED Safe Facility Certification. The Company has installed 10 AEDs and 3 medical-grade blood pressure monitors and established a Health Center. In compliance with relevant regulations, an occupational health nurse is assigned on-site, and consultations with an occupational safety and health physician are arranged.
- In response to the Health Promotion Certification mechanism promoted by the Health Promotion Administration, Ministry of Health and Welfare, the Company has been awarded the "Badge of Accredited Healthy Workplace".
- A breastfeeding room has been set up to provide a safe and secure space for female employees to breastfeed or express milk after childbirth.
- The occupational health nurse is regarded as an "angel" in the workplace by TDCC employees, actively working with related departments to support the health and safety of colleagues in alignment with the design concept of the "Badge of Accredited Healthy Workplace".
- Each year, the Company provides employee health examination programs that exceed legal requirements. Through various health seminars and informational campaigns, health awareness is integrated into the daily lives of employees.



TDCC has implemented an Employee Assistance Program (EAP). In 2024, the program recorded 89 participants in the first phase and 50 participants in the second phase, with an employee satisfaction rate of 96.5%. With prior assessment by a nurse or counselor, family members may also be accompanied by the employee for psychological counseling.

↑ The EAPC offers consultancy services in the following areas: career development, psychological support, management, health, legal issues, financial planning and relationship guidance.

2024TDCC Employee Health Promotion Activities

Note: Percentage =

Number of participants / 527 full-time employees

1. Healthy Weight Management Program Competition

A program combining healthy lunch options and a variety of exercise equipment was organized, with prize money and gifts awarded to motivate participation.

❖ **A total of 50 colleagues have collectively lost 157.6 kg. (9.49%)** ❖

2. Professional Health Seminars

Seminars focused on physical and mental health needs were held to instill a sense of personal health management.

❖ **Total attendance: 276 participants. (52.37%)** ❖

3. On-site Physician Consultation Services

Quarterly health consultations with on-site physicians were arranged to support post-examination follow-ups.

❖ **Approximately 45 consultations conducted. (8.54%)** ❖

4. Questionnaire Surveys on Four Major Programs

Each year, we conduct surveys on overwork and mental health, combined with health check-ups. High-risk employees are identified and given medical advice and physical therapy as needed.

❖ **Mental Assessment. 13 employees (2.47%)** ❖
❖ **Overwork Assessment. 36 employees (6.83%)** ❖

5. CPR and AED Training for All Employees

Refresher courses are held annually to maintain employee emergency response readiness.

❖ **Total attendance: 497 participants. (94.30%)** ❖

6. Influenza Vaccination Service

Both publicly funded and self-paid flu vaccination services were offered in line with government policy.

❖ **Approximately 163 employees received the vaccine. (30.93%)** ❖



CH6

Spreading Love through Public Welfare

TDCC upholds the philosophy of “giving back to society what it receives from society” and emphasizes the practice of corporate social responsibility by actively addressing social needs and fulfilling its social mission and values. Through four major pillars, nurturing financial talent, promoting education in rural areas, supporting disadvantaged groups, and sponsoring arts and cultural activities, TDCC drives sustainable development across the financial sector and society. The Company continues to exert a positive influence through five key areas of public welfare: welfare for the disadvantaged, educational welfare, cultural welfare, sports welfare, and other charitable causes.

🌀 6.1 Social Value Creation

🌀 6.2 Social Welfare Practices

Alignment with the United Nations Sustainable Development Goals (SDGs)



Material Topics and Corresponding GRI Standards

—

Corresponding Material Topics
Community and social impact

Priority Stakeholders
Community

6.1 Social Value Creation

Note: The content of this section does not include FundRich.

Public Welfare Policy and Management Measures

In response to the Financial Supervisory Commission's (FSC) initiative to strengthen corporate social responsibility in the financial industry and to encourage financial institutions to invest in social welfare, TDCC has stipulated in its Articles of Incorporation that 3% to 5% of after-tax profit shall be allocated annually for charitable donations and sponsorships. To fulfill its commitment as a responsible corporate citizen and to practice social care, TDCC donates to governmental social welfare agencies, schools, non-profit social welfare organizations, and public welfare campaigns promoted by the government. The Company has formulated the Guidelines for Managing Public Welfare Donations to standardize these practices.

Vision and Performance of Public Welfare Strategies

Type of Public Welfare	Linked SDGs	Public Welfare Vision
Welfare for the Disadvantaged For details, refer to Chapter 6.2.1 Social Assistance	 No Poverty	Through long-term and proactive engagement, TDCC aims to assist underprivileged families and students, care for the elderly in communities, and support marginalized groups, enabling more disadvantaged individuals to receive support and improve their quality of life—thereby realizing the ideal of a welfare society.
Cultural Charity For details, refer to Chapter 6.2.2 Cultural Development	 Reduced Inequalities	By fostering collaboration between the financial industry, cultural institutions, and academia, TDCC seeks to build a resilient and sustainable arts and cultural ecosystem in Taiwan.
Educational charity For details, please refer to Chapter 6.2.3 Education Initiatives	 Quality Education	TDCC is committed to expanding financial literacy, enhancing the general public's financial management knowledge, and promoting education in rural areas to reduce wealth gaps and drive sustainable development in the financial sector and society.
Sports charity For details, please refer to Chapter 6.2.4 Talent Development in Sports	 Reduced Inequalities	In response to government initiatives calling for corporate support of athletic activities, TDCC has long supported training programs for grassroots athletes, especially those from rural or underprivileged backgrounds. The aim is to offer more opportunities for training and competition, helping young athletes to shine on the international stage and achieve their dreams.

6.1.1 Public Welfare Philosophy and Action Guidelines

Rooted in the principles of sustainable development and giving back to shareholders, TDCC has long been committed to public welfare activities and the promotion of financial education, actively implementing the concept of inclusive finance. Externally, the Company extends its humanistic care by deepening its engagement in diverse public welfare actions, expanding its efforts across areas such as disadvantaged support, education, arts and culture, and sports. Looking ahead, TDCC will continue to reinforce its commitment to public welfare, promote social inclusion, and join hands with partners to create a sustainable Taiwan.

Strategic Initiatives	Social Impact
● "Retirement Preparation Platform" donation program ● Subsidies for community care centers ● "Love in Finance, Food Bank with Heart" ● Funding of local government social welfare programs ● Donations to disadvantaged and welfare organizations	● Total donations amounted to NT\$82.65 million in 2024. ● Subsidies for community care centers: NT\$25 million ● Donations to food banks: NT\$12 million ● Donations to Retirement Preparation Platform NT\$17 million ● Local government social welfare programs: NT\$21 million ● Donations to disadvantaged/welfare groups: NT\$7.65 million
● Exhibition of award-winning works from the Contemporary Art Awards ● Special performances of Cloud Gate Culture and Arts Foundation for the promotion of arts education ● "Sustainability and Co-Prosperity" program with the National Theater & Concert Hall ● Movie "Formosa" national cinema tour ● Cultural promotion by the General Association of Chinese Culture ● Sponsorship of various art and cultural group events	● Total donations amounted to NT\$22.04 million in 2024. ● Contemporary Art Award: NT\$3.99 million ● Cloud Gate Dance Theatre: NT\$3.5 Million ● National Theater and Concert Hall: NT\$1.5 million ● Movie "Formosa" Cinema Tour: NT\$3 million ● General Association of Chinese Culture: NT\$4.8 million ● Art and cultural group events: NT\$5.25 million
● Financial Literacy for Youth (FLY) Courses ● Taiwan Stock Museum ● Industry-Academia Internship Program ● Financial Services Education Public Welfare Fund ● International financial talent development ● Ministry of Education savings accounts ● Funding for local government multi-program education projects ● Funding for local government educational initiatives	● Total donations amounted to NT\$67.31 million in 2024. ● Financial Literacy for Youth (FLY) Courses: NT\$10.86 million ● Financial Services Education Public Welfare Fund: NT\$10 million ● College of Global Banking and Finance: NT\$10 million ● Ministry of Education savings accounts: NT\$5 million ● Local government education programs: NT\$24 million ● Rural education programs: NT\$7.45 million
● Support for sports training programs in rural schools ● Organization of sports competitions ● Support for sports association events	● Total donations amounted to NT\$12.96 million in 2024. ● School sports training: NT\$8.12 million ● Sports competitions: NT\$1.44 million ● Sports associations: NT\$3.4 million

6.2 Social Welfare Practices

Note: The content of this section does not include FundRich.

While TDCC continues to enhance its core operations and evolve, it has also long been committed to public welfare efforts, demonstrating care for and giving back to society. In recent years, it has actively worked to foster a senior-friendly environment, support underprivileged families and students, and encourage employees to participate in activities organized by the Taiwan Fund for Children and Families, spreading warmth and amplifying the positive impact of compassion.

6.2.1 Social Assistance

• Subsidies/Donations to Community Care Centers

TDCC has allocated resources in response to the government's policy of aging in place, promoting a new societal mindset around elderly care. Through collaboration with the Social and Family Affairs Administration of the Ministry of Health and Welfare, TDCC launched the "Public Welfare Donation and Subsidy Program for Community Care Centers," donating to a total of 77 centers, including Xingren Community in Magong City, Penghu County, with total contributions reaching NT\$25 million. Recipients of the program reported significant improvements in the effectiveness of activities, enhanced community self-governance, and increased social participation among seniors, thus contributing to the creation of healthy and sustainable communities.

• Special Assistance Projects with Local Governments

By leveraging the capacity of private-sector organizations and infusing resources into regional projects, TDCC aims to continuously support counties and cities in strengthening their social welfare networks. This is expected to broaden the scope and scale of services, enabling more disadvantaged individuals to access support and helping to realize the ideal of a welfare-oriented society.



► Donation Ceremony of Hsinchu County Social Affairs Department

- Hsinchu County Social Affairs Department: Festive meal programs, intergenerational integration initiatives
- Hualien County Social Affairs Department: Earthquake disaster relief programs
- Taitung County Social Affairs Department: "Help & Blessing" welfare initiative
- Pingtung County Department of Social Affairs: Family, youth, and disabled senior services
- Penghu County Social Affairs Department: "Love in Action" emergency aid for low-income families
- Hsinchu City Department of Social Affairs: Child protection, adolescent services, and care for vulnerable families
- Tainan City Social Affairs Bureau: Meal programs and home subsidies for the disadvantaged

• "Love in Finance, Food Bank with Heart"

What we take for granted in daily life is often a luxury for underprivileged families. TDCC continues its participation in the "Love in Finance, Food Bank with Heart" initiative, allocating NT\$12 million in 2024 to support those in need, in collaboration with peers in the financial sector, delivering tangible care and extending the reach of compassion.

• Ministry of Education School Savings Accounts

Each year, TDCC donates NT\$5 million as part of the "Love in Finance, Caring for Disadvantaged Students" campaign, jointly initiated by the Taiwan Stock Exchange and seven financial peripheral institutions. Donations go into Ministry of Education School Savings Accounts to support economically disadvantaged students from elementary to high school, covering needs such as meals, tutoring, transportation, housing, and tuition. In 2024, students from schools in 21 counties and cities benefited, totaling 8,738 recipients.

• Taiwan Fund for Children and Families: Happiness Train

Since 2011, TDCC has partnered with regional centers of the Taiwan Fund for Children and Families to host the annual “Happiness Train” parent-child care events. In 2024, the program brought warmth to Taichung in collaboration with the North Taichung Center. Held at the Bay Picture Book Hall in Qingshui District, the winter care event combined reading and companionship to offer children gamified learning experiences and emotional warmth, planting seeds of hope in their lives.



• Sponsorship of Welfare Organizations and Disadvantaged Groups

Since 2015, as part of the Company's anniversary celebrations and charity sales events, we have sponsored social welfare organizations by donating to groups supporting disadvantaged individuals, including those with disabilities, seriously ill children and economically disadvantaged young people. The aim of this initiative is to provide more comprehensive support to vulnerable communities. In 2024, TDCC donated NT\$4.5 million to 15 such organizations, aiming to improve their quality of life and reignite hope for the future.

• Participation in Social Relief and Inclusion Efforts

◆ Hualien Earthquake Relief (April 3, 2024)

Following the magnitude 7.2 earthquake in Hualien on April 3, 2024, which caused severe damage, TDCC contributed to the Ministry of Health and Welfare's disaster relief project. Upholding the principle of shared empathy, “one's hunger is my hunger, one's suffering is my suffering”, TDCC donated funds and essential supplies to support disaster victims in rebuilding their lives and homes.

◆ Mennonite Christian Hospital - Eastern Taiwan Medical and Nursing Talent Cultivation Program

To address the chronic shortage of healthcare professionals in rural eastern Taiwan, TDCC continues to support Mennonite Christian Hospital's “Eastern Taiwan Medical and Nursing Talent Cultivation” program. The initiative ensures a steady supply of nurses and medical personnel across various roles for both healthcare and long-term care services, improving consistent care for patients and elderly residents in the region.

◆ “Walk for Good Days” by the Syinlu Social Welfare Foundation

TDCC supports the Syin-Lu Foundation's work with individuals with intellectual disabilities by funding the “Walk for Good Days - Embracing Negative Energy to Walk with Inner Strength” initiative. Employees also volunteered as walking companions, helping to create an inclusive environment that encourages individuals with intellectual disabilities to step out into society, interact with others, and affirm their self-worth.

• Support for the police and firefighters with actions

In 2024, TDCC donated firefighting and rescue equipment to the Fire Departments of Taipei City Government, Nantou County Government, and Taichung City Government. Additionally, duty-related gear was donated to the Taipei City Police Department. These donations were made to ensure that police and firefighting personnel are well-equipped during emergency response and rescue operations, demonstrating care for local communities and expressing respect and gratitude for the service of frontline officers.

• Public Interest Subscription - Broadening Horizons and Promoting Reading

Fulfilling its corporate social responsibility and encouraging reading and global awareness among citizens, TDCC has participated in the "Public Interest Subscription Program" for CNA News World monthly publications since 2019. In 2024, TDCC increased the number of monthly subscriptions sponsored to 240 copies, distributed to junior high and high schools as well as township libraries in Yilan, Hualien, Taitung, Yunlin, Chiayi, Tainan, Pingtung, Penghu, Kinmen, and Lienchiang, reinforcing its commitment to promoting reading and cultivating global perspectives.

• Christmas Charity Day Event

TDCC has demonstrated long-term community care by organizing a charity blood drive for 15 consecutive years, donating 10,000 blood bags annually. The event has received strong support from nearby companies and local residents, with over 200 bags collected in a single day. Over 3,000 individuals have participated in the past 15 years, contributing a cumulative total of 750,000cc of donated blood. The total value of donated blood bags has exceeded NT\$13.44 million. Each year, Taipei Blood Center also presents TDCC with a special contribution award in recognition of its long-term dedication to this cause.

Chairman Lin represented the Company in donating blood bags to the Taipei Blood Center. ◀



Feature Column

"Aging Well" charity project

- 2024 Partner Organizations: 82
- 2024 Total Donations: NT\$42 million

TDCC has launched the "Well-Prepared Retirement Planning Platform" in recent years to provide the public with introductory resources for retirement financial planning. This platform also incorporates a public welfare dimension, serving as a catalyst for donations to over 77 community care centers throughout Taiwan, with the goal of realizing intergenerational harmony and supporting active aging close to home.

As Taiwan approaches the reality of a super-aged society, TDCC continues to advance the Well-Prepared Retirement Planning Platform's public welfare donation initiative. In 2024, it donated a total of NT\$17 million to the Eden Social Welfare Foundation, the Hondao Senior Citizens' Welfare Foundation, the Old Five Old Foundation, the Mennonite Social Welfare Foundation, and A Kernel of Wheat Foundation, with the goal of fostering an elder-friendly society and advancing generational inclusion.

6.2.2 Cultural Rooting

Note: The content of this section does not include FundRich.

In an age of technological change, the role and power of culture have become increasingly vital. Culture allows time to slow down and minds to reflect; it is the essence of life, both a mirror of our surroundings and a reflection of our inner world. TDCC has long supported the arts and hopes to build a sustainable artistic business model by fostering collaboration between the financial industry, cultural institutions, and academia. TDCC seeks to build a resilient and sustainable arts and cultural ecosystem in Taiwan.

• 2024 TDCC Art Award - "Visionary Taiwan" Call for Submissions

To reward and encourage new-generation and young Taiwanese artists whose works express concern for Taiwan's cultural environment and reflect the voices of their time, TDCC commissioned the School of Fine Arts at Taipei National University of the Arts to curate the 2024 TDCC Art Award - "Visionary Taiwan." The project is co-organized with the King Car Cultural and Educational Foundation. With the shared vision of enhancing Taiwan's cultural life, cultivating artistic talent, promoting art appreciation, and creating a quality cultural environment, the award was launched with a renewed perspective.



• Special performances of Cloud Gate Culture and Arts Foundation for the promotion of arts education

Since 2020, TDCC has partnered with the Cloud Gate Foundation to promote aesthetic education in rural schools. In 2024, it supported the "Dandelion Arts Education Promotion Project" and the "Spring Battle Performance Production" as part of its commitment to supporting arts and culture education in remote areas and helping the government sustain and expand artistic outreach in underserved communities.

• 2024 "Sustainability and Co-Prosperity" program with the National Theater & Concert Hall

TDCC continued its support in 2024 for the National Theater & Concert Hall (NTCH) through Performing Arts on Social Prescription and NTCH one-day experiential classes. These initiatives aim to enhance the well-being of seniors, build bridges between youth and performing arts, and promote a vision of cultural sustainability and inclusiveness.

• Academy of Taiwan Strings enters elementary schools in rural areas

In 2024, TDCC continued its support for the Academy of Taiwan Strings's "Music Forest for Children Far Away" project, which brings the beauty and elegance of classical music to children in remote areas, offering them the same joy and cultural experiences as their urban counterparts, despite not having easy access to concert halls.

• Movie "Formosa" 3D Mobile Cinema

Rooted in goodwill, the Formosa Association uses visual storytelling to connect communities across Taiwan. TDCC continued to support the Movie "Formosa" 3D Mobile Cinema project and the feature film Taiwan Unsung Hero. The mobile cinema travels to schools across the country to screen these works.

In 2024, the mobile cinema hosted 60 campus screenings of Taiwan Unsung Hero (Finance Edition), held financial literacy workshops, and arranged post-screening Q&A sessions with the director. In total, 1,200 students and members of nonprofit organizations attended special charity showings, where they were introduced to Taiwan's natural beauty, cultural richness, correct values, environmental sustainability awareness, and basic financial literacy.



6.2.3 Setting Sail for Financial Education

Note: The content of this section does not include FundRich.

TDCC is committed to cultivating well-rounded financial talent for the nation. Amid the impact of rapid changes in digital finance and global markets, the Company actively promotes financial literacy and enhances the general public's financial management knowledge, with the aim of narrowing the wealth gap and fostering sound market development.

• Financial Literacy for Youth (FLY) Courses

During interactions with economically disadvantaged students, TDCC found that securing employment upon graduation is a key pathway to improving their family's financial situation. However, most students must work part-time to support their families or pay tuition, which often affects their academic performance and career choices. In 2015, TDCC collaborated with organizations in the financial, securities, and futures sectors to launch the "Financial Literacy for Youth (FLY) Courses," channeling financial industry resources toward economically underprivileged students. The program offers a series of professional financial training courses, supports students in obtaining certifications, and enhances their competitiveness in the job market. Upon course completion, job-matching services are provided to help students seamlessly transition into the workforce.

The 10th Financial Literacy for Youth (FLY) Courses began on September 21, 2024, with nine classes held across eight universities. A total of 475 graduating students from 31 universities and colleges participated. The program offered 170 hours of training in both theoretical and practical subjects, including courses in securities, futures, trusts, investment consulting, banking, and general financial practices. Participants also received subsidies for lunch, textbooks, living expenses, and certification exam registration fees, allowing them to participate in the program without financial concerns.

Over the nine cohorts of the program, students have consistently reported that the financial knowledge gained has been highly beneficial in preparing for their careers. TDCC hopes that this initiative will continue to demonstrate the financial sector's positive social impact by using knowledge to help bridge social divides and assist motivated students in achieving their career goals.

The post-graduation admission rate of college students from the past three cohorts of the Financial Employment Charity Program

Year/Cohort	2021 - 2022 (ROC 110 Academic Year) 7th program	2022 - 2023 (ROC 111 Academic Year) 8th program	2023 - 2024 (ROC 112 Academic Year) 9th program
Number of people admitted	189	167	180
Admission rate	74.70%	75.23%	76.92%

Note: Admission rate = Number of people admitted ÷ Number of students participating in job matching



Yen-Liang Chen, Vice Chairperson of the Financial Supervisory Commission, poses for a commemorative photograph with distinguished guests during the opening ceremony of the 10th Financial Literacy for Youth (FLY) Courses.

• Taiwan Stock Museum

Background and Purpose

The Taiwan Stock Museum is the first of its kind in the country. The museum presents the evolution of stock trading through historical documents and collections, offering a comprehensive view of the development of Taiwan's stock market and broader economic context. It also features multimedia interactive zones, enabling visitors to experience key milestones in the history of Taiwan's stock market firsthand.

To encourage youth participation in cultural activities, TDCC collaborated with the National Palace Museum in September 2024 to launch the "Coming-of-Age Ceremony for Treasure Hunters: Exploration Journey for High School Students: Northern Branch of the National Palace Museum x Taiwan Stock Museum." The project held 15 sessions with a total of 425 participants.

TDCC is also dedicated to promoting digital financial education through its e-Museum initiative. Efforts include enhancing the Taiwan Stock Museum's official website with content-rich features such as "Online Museum," "Online Financial Education," and "Online Interaction," thereby broadening the online reach of digital visitors.

In 2024, the museum hosted 671 tour sessions with a total of 8,033 visitors. Since its opening, the museum has accumulated 13,404 sessions and 175,787 visitors as of the end of 2024.

Distribution of Visitor Categories at the Taiwan Stock Museum in 2024

Category	Percentage
Competent authorities, affiliates, and training institutions	1.81%
Students and teachers from various educational levels	81.68%
Securities industry professionals	1.08%
Corporate groups and others	15.43%



Industry-Academia Collaboration - Stock Museum Docent Program

In 2024, a total of 30 students from 9 schools were selected to serve as docents. TDCC continued to provide docent training courses covering professional financial knowledge, public speaking and tour delivery, and etiquette. Each day, the docents shared photos of visiting groups and anecdotes from the museum on the Stock Museum's Facebook fan page.

Reflections from 2024 Museum Docent Program

O-Hsin Chen, Soochow University

Looking back on my year at the museum, I have many thoughts. I've always been afraid of speaking in front of people. Whenever I had to present in class, I instinctively wanted to escape. But last winter, I finally gathered the courage to step out of my comfort zone and applied for this docent position.

When I first started, I was excited but uncertain. Fortunately, I had a meticulous and dedicated team leader who helped me build a solid foundation. Over time, I became one of the more experienced members of the team and began mentoring new docents, just as I had once been mentored.

I am deeply grateful for this experience and look forward to my next journey. Thanks to all the supervisors, mentors, and colleagues who guided and encouraged me. This year will always remain an irreplaceable chapter in my life.



O-Hsun Huang, National Taipei University

Serving as a docent at the museum was the most fulfilling experience of my university life.

At first, I was very nervous and unsure about speaking in front of crowds, afraid I wouldn't be able to handle it. But after continuous practice and real-life tours, I quickly adapted to the role. Over time, I gained much more confidence and felt noticeable growth. Working here was truly rewarding. I think I'll really miss this time in the future!



Taiwan Securities and Futures Virtual Museum Online Experience

To provide diverse online experiences for modern users, the Taiwan Securities and Futures Virtual Museum website features a 360-degree panoramic browsing system. This allows users to explore the Taiwan Stock Museum online at any time, regardless of location or time, offering a seamless experience that integrates physical collections with digital presentation. As of the end of 2024, the website had accumulated nearly 580,000 views.



Digitization of Financial Education

The official website of the “Taiwan Securities and Futures Virtual Museum” continues to offer digital publications, allowing readers to download and browse content on mobile devices, thereby promoting accessible financial literacy for the investing public.

International Exchange

The Stock Museum is a member of the International Council of Museums (ICOM) and participates in three ICOM subcommittees: the International Committee for Museology, the Committee for Money and Banking Museums, and the Committee of Marketing and Public Relations.



• Industry-Academia Internship Program

Young students are a vital talent pool for cultivating future financial professionals. To enhance student knowledge and industry experience, and under the guidance of regulatory authorities—TDCC, together with the Taiwan Stock Exchange, Taipei Exchange, and Taiwan Futures Exchange, jointly established an “Industry-Academia Internship Program.” In cooperation with the Ministry of Education, the program encourages listed, OTC-listed companies, financial institutions, and professional firms to provide technical and vocational students with internships and post-graduation employment opportunities. The goal is to align academia with industry needs and support schools in developing the talent required by enterprises.

Year/Cohort	2022 - 7th	2023 - 8th	2024 - 9th
Internship Slots	1,199	1,876	1,509
Successful Placements	1,019	1,557	1,268
Placement Rate	85%	83%	84%

• Financial Services Education Public Welfare Fund

Since 2015, in response to government policy, TDCC has donated NT\$10 million annually to the “Financial Services Education Public Welfare Fund.” This fund provides scholarships to students in public and private universities and colleges across Taiwan, helping economically disadvantaged youth complete their education and offering financial education courses to enhance the effectiveness of industry-academia collaboration.

• Local Government Multi-Program Education Projects

TDCC aims to use corporate resources to provide children with a well-rounded education that includes art, music, sports, technology, and digital learning. These initiatives also seek to foster teamwork and well-rounded character development, inspiring students to pursue their dreams with confidence and shine in their chosen fields.

- **Taitung County Department of Education:** Guanshan Junior High School, Dawu Elementary School, Changbin Junior High School, Longtian Elementary School, Dapo Elementary School, Xinsheng Kindergarten, Siwei Kindergarten, Fengnian Elementary School, Changbin Elementary School, Ningpu Elementary School, Sanjian Elementary School, Zhangyuan Elementary School, Zhuhu Elementary School, Donghai Junior High School, Chishang Junior High School, Dianguang Elementary School, Kangle Elementary School, Luanshan Elementary School, Fengtian Junior High School, Baosang Junior High School.
- **Bureau of Education, Tainan City Government:** Tainan 400 • Art Together: Tainan City Arts Education Enhancement Program for Outstanding Teams, Equipment, and Activities
- **Pingtung County Sports Development Center:** Changzhi Junior High School, Neipu Junior High School, Xinyuan Junior High School, Gaotai Junior High School, Datong Senior High School, Zhongzheng Junior High School, Wantan Elementary School, Jiayi Elementary School, Fangliao Senior High School, Linluo Junior High School, Guangchun Elementary School, Linluo Elementary School, Guangchun Junior High School, Yanpu Junior High School.
- **Department of Education, Hualien County Government:** Ji'an Elementary School, Taichang Elementary School, Guofeng Junior High School, Fenglin Elementary School, Huaren Junior High School, Zhonghua Elementary School, Fengbin Elementary School, Fushi Elementary School, Chongde Elementary School.
- **Department of Education, Keelung City Government:** Bridging the Digital Divide Project, and Shenmei Elementary School, Wudu Elementary School, Zhongshan Senior High School, Badu Senior High School.
- **Education Bureau of Hsinchu County Government:** Taiping Elementary School, Lufeng Elementary School, Hengshan Elementary School, Baoshan Elementary School, Guanxi Junior High School, Zhaomen Junior High School.
- **Department of Education Chiayi City :** Beiyuan Elementary School, Lantan Elementary School, Daye Experimental Junior High School, Jiabei Elementary School, Chongwen Elementary School, Yushan Junior High School, Jingzhong Elementary School.
- **Education Department, Penghu County Government:** Educational Assistance Program for Primary and Secondary Schools, Creative Drama Competition for Character Education Promotion in Elementary Schools, AI and Digital Tools Integration Training Program for Elementary and Junior High Schools, and AI Smart Technology Application Workshop.

• Vox Nativa Music School - Indigenous Education Service Program

TDCC continues to support the Vox Nativa Music School's Indigenous Education Service Program, contributing to the opportunity for more children from tribal communities to join the school and receive a holistic education. The goal is to help these children build confidence and a positive attitude, strengthen their learning capacity, and support them through their university education, with the hope that they will gain the ability and the right to make choices for their own lives in the future.

• Rural Area Education Caring

TDCC has long sponsored the educational development of schools in remote areas. Through a variety of training and development programs, it aims to comprehensively improve the learning environment and quality for children in these regions. These initiatives encourage holistic development, allowing children with special talents to further realize their potential, cultivate practical skills, and build self-confidence, injecting boundless possibilities into their formative years.



- **Care for Rural Schools:** PingXi Elementary School and Heping Elementary School in New Taipei City
- **Young Creative Artists Cultivation Program:** Shiding Elementary School in New Taipei City
- **Multidimensional Talent Development Program:** Xinyuan Elementary School and Hongye Elementary School, Taitung County
- **Outstanding Talent Development Program:** Xikou Elementary School, Beichang Elementary School, Taichang Elementary School, Fonglin Elementary School in Hualien County, and Zhonghua Elementary School in Hualien City

► Students from seven schools in Hualien gathered for a group photograph at the "TDCC 35 Ai Happiness" joint concert. The event encouraged students from rural areas to broaden their horizons and pursue their dreams with courage, and demonstrated TDCC's commitment to grassroots education.

6.2.4 Nurturing Sports Talent

Note: The content of this section does not include FundRich.

• Development of Grassroots Athletes

- **Badminton:** Yichang Junior High School in Hualien County, Lyudao Primary School and Da Wang Elementary School in Taitung County, as well as Yuanshan Junior High School and Dahu Elementary School in Yilan County
- **Soccer:** Junior high school program, DongGang Senior High School in Pingtung County, and Hualien Girls' Soccer Team
- **Archery:** Jian Elementary School and Jian Ching Elementary School in Hualien County, Dong Ao Elementary School in Yilan County, Jen Ho Junior High School in Taoyuan City, Kaohsiung Municipal Fongsi Junior High School, Szu Chen Junior High School in Taichung City, as well as Fuli Junior High School and Hsiangshan Primary School in Hsinchu City
- **Baseball:** Xiufeng High School in New Taipei City, Jiangmei Elementary School in Penghu County
- **Speed Roller Skating:** Dawan Elementary School in Tainan City

• Dream-Building Soccer Program for Youth in Rural Areas

Since 2014, TDCC, in collaboration with the Taiwan Stock Exchange, Taiwan Futures Exchange, and Pou Chen Group, has jointly sponsored the junior high school soccer teams of Donggang High School Junior Division, Laiyi High School Junior Division, Majia Junior High School, and Changzhi Junior High School in Pingtung County. Through the infusion of resources, the program aims to give children in remote areas access to regular training opportunities.

The four sponsoring organizations take turns hosting annual friendly matches, allowing young players to showcase their skills on the field, where they compete as rivals but connect as friends off the field. Through soccer, the players develop confidence and discipline, learn teamwork and collaboration, and strive to achieve glory, both for their teams and for themselves.



Group Photo of All Participants in the 10th Taiwan Youth Football Friendship Tournament

• Appendix

Appendix I: GRI Sustainability Reporting Standards Content Index

Statement of Use	Taiwan Depository & Clearing Corporation (TDCC) has reported in accordance with the GRI Standards.
GRI 1 Used:	GRI 1: Foundation 2021
Applicable GRI Sector Standards:	No applicable GRI sector standards at this time

GRI 2: General Disclosures 2021

Standard	Disclosure Item	Corresponding Chapter	Page
2-1	Organizational Details	About This Report, About TDCC	3、5
2-2	Entities Included in the Organization's Sustainability Reporting	About This Report	3
2-3	Reporting Period, Frequency, and Contact Information	About This Report	3
2-4	Restatements of Information	About This Report	3
2-5	External Assurance	Appendix III	115
2-6	Activities, Value Chain and Other Business Relationships	About TDCC	5
2-7	Employees	5.1 Talent Attraction	85
2-8	Workers Who Are Not Employees	5.1 Talent Attraction	85
2-9	Governance Structure and Composition	2.1.1 Governance Structure and Key Drivers	33
2-10	Nomination and Selection of the Highest Governance Body	2.1.1 Governance Structure and Key Drivers	33
2-11	Chair of the Highest Governance Body	2.1.1 Governance Structure and Key Drivers	33
2-12	Role of the Highest Governance Body in Overseeing the Management of Impacts	1.2 Sustainability Governance Framework, 2.1.1 Corporate Governance Structure and Drivers	16、33
2-13	Delegation of Responsibility for Managing Impacts	1.2 Sustainability Governance Framework, 2.1.1 Corporate Governance Structure and Drivers	16、33
2-14	Role of the Highest Governance Body in Sustainability Reporting	1.2 Sustainability Governance Framework, 2.1.1 Corporate Governance Structure and Drivers	16、33
2-15	Conflicts of Interest	2.1.2 Board Operations	37
2-16	Communication of Critical Concerns	2.1.1 Governance Structure and Key Drivers	33
2-17	Collective Knowledge of the Highest Governance Body	2.1.2 Board Operations	37
2-18	Evaluation of the Performance of the Highest Governance Body	2.1.2 Board Operations	37
2-19	Remuneration Policies	2.1.2 Board Operations	37
2-20	Process to Determine Remuneration	2.1.2 Board Operations	37
2-21	Annual Total Compensation Ratio	2.1.2 Board Operations	37
2-22	Statement on Sustainable Development Strategy	Message from the Chairman	4
2-23	Policy Commitments	Sustainability Policies and Commitments, 2.1.3 Integrity in Business Operations	7、38
2-24	Embedding Policy Commitments	Sustainability Policies and Commitments, 1.4.1 Stakeholder Engagement, 4.4.2 Sustainable Procurement, 5.3.1 Human Rights Policy	7、19、81、92

Standard	Disclosure Item	Corresponding Chapter	Page
2-25	Processes to Remediate Negative Impacts	Sustainability Policies and Commitments, 1.4.1 Stakeholder Engagement, 4.4.2 Sustainable Procurement, 5.3.1 Human Rights Policy	7、19、81、92
2-26	Mechanisms for seeking advice and raising concerns	2.1.3 Integrity in Business Operations, 5.3.1 Human Rights Policy	38、92
2-27	Regulatory Compliance	2.2 Regulatory Compliance	39
2-28	Membership in Associations	Participation in Industry Associations	12
2-29	Approach to Stakeholder Engagement	1.4 Materiality Assessment and Stakeholder Engagement	19
2-30	Collective Bargaining Agreements	5.3 Human Rights and Labor Relations	92

GRI 3: Disclosure Items on Material Topics

Standard	Disclosure Item	Corresponding Chapter	Page
3-1	Process to Determine Material Topics	1.4 Materiality Assessment and Stakeholder Engagement	19
3-2	List of Material Topics	1.4 Materiality Assessment and Stakeholder Engagement	19
3-3	Management of Material Topics	1.4 Materiality Assessment and Stakeholder Engagement	19

Topic-Specific Standards

Note: Topics marked with ♦ and those in parentheses indicate the material topics in this report.

GRI 200: Economic Standards Series

Series	Disclosure	Description	Chapter	Page	Notes
♦ GRI 201: Economic Performance 2016	201-2	Financial implications and other risks and opportunities due to climate change	4.1 Climate Governance	65	—
	201-3	Defined benefit plan obligations and other retirement plans	5.1.2 Compensation System and Retention	87	—
GRI 202: Market Presence 2016	202-1	Ratios of standard entry level wage by gender compared to local minimum wage	5.1.2 Compensation System and Retention	87	—
GRI 204: Procurement Practices 2016	204-1	Proportion of spending on local suppliers	Value Chain of Operations	8	—
♦ GRI 205: Anti-corruption 2016 (Corporate Governance and Integrity Management)	205-2	Communication and Training on Anti-Corruption Policies and Procedures	2.1.3 Integrity in Business Operations	38	—
	205-3	Confirmed incidents of corruption and actions taken	2.1.3 Integrity in Business Operations	38	—
♦ GRI 206: Anti-competitive Behavior 2016 (Corporate Governance and Integrity Management)	206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	2.1.3 Integrity in Business Operations	38	—

GRI 300: Environmental Standards Series

Series	Disclosure	Description	Chapter	Page	Notes
GRI 305: Emissions 2016	305-1	Direct (Scope 1) GHG emissions	4.3 GHG Emissions Management	73	—
	305-2	Energy indirect (Scope 2) GHG emissions	4.3 GHG Emissions Management	73	—
	305-3	Other Indirect (Scope 3) GHG Emissions	4.3 GHG Emissions Management	73	—

GRI 400: Social Standards Series

Series	Disclosure	Description	Chapter	Page	Notes
GRI 401: Employment 2016	401-1	New Employee Hires and Employee Turnover	5.1.1 Talent Recruitment	85	—
	401-2	Benefits provided to full-time employees that are not provided to temporary or part-time employees	5.1.3 Employee Benefits	88	—
	401-3	Parental Leave	5.1.3 Employee Benefits	88	—
GRI 402: Labor/ Management Relations 2016	402-1	Minimum notice periods regarding operational changes	5.3.2 Labor-Management Communication	93	—
	403-1	Occupational Safety and Health Management System	5.4 Workplace Safety and Health Management	94	—
GRI 403: Occupational Health and Safety 2018	403-3	Occupational Health Services	5.4 Workplace Safety and Health Management 5.4.1 Labor Health and Occupational Safety and Health Management	94 、 95	—
	403-5	Worker training on occupational health and safety	5.4.1 Labor Health and Occupational Safety and Health Management	95	—
	403-6	Promotion of Worker Health	5.4.2 Health Promotion and Healthcare	96	—
	403-9	Work-Related Injuries	5.4 Workplace Safety and Health Management	94	—
◆ GRI 404: Training and Education 2016 (Talent Cultivation and Development)	404-1	Average hours of training per year per employee	5.2.1 Diverse Talent Development	90	—
	404-2	Programs for upgrading employee skills and transition assistance programs	5.2.1 Diverse Talent Development	90	—
	404-3	Percentage of employees receiving regular performance and career development reviews	5.2.2 Performance Evaluation	92	—
◆ GRI 405: Diversity and Equal Opportunity 2016 (Corporate Governance and Integrity Management)	405-1	Diversity of Governance Bodies and Employees	2.1.1 Governance Structure and Key Drivers 5.1.1 Talent Recruitment	33 、 85	—
	405-2	Ratio of Basic Salary and Remuneration of Women to Men	5.1.2 Compensation System and Retention	87	—
GRI 406: Non-discrimination 2016	406-1	Incidents of discrimination and corrective actions taken	5.3.1 Human Rights Policy	92	—
◆ GRI 417: Marketing and Labeling 2016 (Compliance with Policies and Regulations) (Customer Relations and Rights Protection)	417-1	Requirements for product and service information and labeling	3.3 Market Expansion Strategy	56	—
	417-2	Incidents of non-compliance concerning product and service information and labeling	2.2.2 Internal Control and Audit System 3.3.3 Business Promotion and Marketing	40 、 59	—
	417-3	Incidents of non-compliance concerning marketing communications	2.2.2 Internal Control and Audit System 3.3.3 Business Promotion and Marketing, 2.4 Information Security	40 、 59 、 42	—
◆ GRI 418: Customer Privacy 2016 (Information Security) (Customer Relations and Rights Protection)	418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	2.3.1 Risk Management and Response Measures 2.4.2 Cybersecurity Protection Measures 3.3.1 Customer Relationship Management	41 、 43 、 56	—

APPENDIX II: COMPARISON TABLE OF SASB SUSTAINABILITY ACCOUNTING STANDARDS

Based on the industry classification retrieved from the official SASB website, TDCC has selected applicable disclosure indicators from the SASB Materiality Map, which includes 11 sectors and 77 industries under the SASB Sustainability Accounting Standards:

- Sector: Financials
- Industry Standard: Security & Commodity Exchanges

Disclosure Topic	Indicator Code	Disclosure Metric	Type	Description	Page
Promotion of a transparent and efficient capital market	FN-EX-410a.1	(1) Number and (2) average duration of halts related to the dissemination of public information or unusual trading volatility	Quantitative	Not applicable. TDCC as the Company provides centralized custody, clearing and settlement, book-entry transfer, shareholder services, and information backend services for stocks, futures, bonds, funds, and cross-border custody, it is not involved in trading halts.	NA
	FN-EX-410a.2	Percentage of trading activity generated from automated trading systems	Quantitative	Not applicable. TDCC as the Company provides centralized custody, clearing and settlement, book-entry transfer, shareholder services, and information backend services for stocks, futures, bonds, funds, and cross-border custody, it is not involved in trading halts.	NA
	FN-EX-410a.3	Description of alert policies regarding the timing and content of public disclosures	Qualitative	Not applicable. TDCC as the Company provides centralized custody, clearing and settlement, book-entry transfer, shareholder services, and information backend services for stocks, futures, bonds, funds, and cross-border custody, it is not involved in trading halts.	NA
	FN-EX-410a.4	Description of policies that encourage or require listed companies to disclose ESG information	Qualitative	Not applicable. TDCC as the Company provides centralized custody, clearing and settlement, book-entry transfer, shareholder services, and information backend services for stocks, futures, bonds, funds, and cross-border custody, it is not involved in trading halts.	NA
Conflict of Interest Management	FN-EX-510a.1	Total monetary losses arising from legal proceedings relating to fraud, insider trading, antitrust violations, unfair competition practices, market manipulation and other relevant financial industry laws and regulations.	Quantitative	2.1.3 Integrity in Business Operations 2.2.1 Regulatory Compliance Management	38 、 39
	FN-EX-510a.2	Description of processes for identifying and assessing conflicts of interest	Qualitative	2.1.2 Board Operations	37
Business Continuity Management and Technology Risk	FN-EX-550a.1	(1) How many times there were major market disruptions, and (2) How long the downtime lasted	Quantitative	2.4.2 Cybersecurity Protection Measures	43
	FN-EX-550a.2	(1) Number of data breaches, (2) Percentage involving personally identifiable information, and (3) Number of affected customers	Quantitative	3.3.1 Customer Relationship Management	56
	FN-EX-550a.3	Explanation of efforts to prevent technical errors, information security vulnerabilities and market disruptions	Qualitative	2.4 Information Security	42
Average daily number of trades by product or asset class	FN-EX-000.A	Average daily number of trades by product or asset class	Quantitative	3.1 Business Development Philosophy	47
Average Daily Transaction Volume by Product or Asset Category	FN-EX-000.B	Average Daily Transaction Volume by Product or Asset Category	Quantitative	3.1 Business Development Philosophy	47

SASB Materiality Map: <https://materiality.sasb.org/>

Official SASB Website, please visit: <https://www.sasb.org>

APPENDIX III: THIRD PARTY CERTIFICATION STATEMENT



Assurance Statement

Taiwan Depository & Clearing Corporation Sustainability Report

TUV NORD Taiwan Co., Ltd. (hereinafter referred to as TUV NORD) was commissioned by Taiwan Depository & Clearing Corporation (hereinafter referred to as TDCC) to perform the 2024 Sustainability Report Verification (hereinafter referred to as Sustainability Report) in accordance with the AA1000 Assurance Standard Version 3 and the GRI Sustainability Reporting Standards (GRI Standards) and related assurance standards.

The Scope of Statement and Assurance Standards

- 1) The scope of assurance is consistent with the scope of disclosure in TDCC 2024 Sustainability Report, which covers the period from 1 January 2024 to 31 December 2024.
- 2) The verification of compliance with the AA1000 Principles of Accountability for TDCC bases on the AA1000 Assurance Standard, Third Edition, Application Type I that does not include verification of the reliability of the information/data disclosed in the report.
- 3) Sustainability Accounting Standards Board (SASB) Security & Commodity Exchanges industry sustainability accounting metrics.
- 4) TCFD Climate Related Financial Disclosure Recommendation.

Intended Users

The intended users of this statement are the stakeholders of TDCC.

Assurance Type and Level

In accordance with the requirements of the AA1000 Assurance Standard Version 3, Type 1, Moderate of Assurance Level.

Opinion Statement

TDCC complies with the GRI sustainability reporting and AA1000 accountability principles of inclusivity, materiality, responsiveness and impact. The sustainability report presents the commitment of top management, the needs and expectations of stakeholders. To achieve sustainability performance indicators by stakeholders' engagement.

We assure that TDCC complies with the SASB Security & Commodity Exchanges industry sustainability accounting standards to disclose relevant metrics.

We assure that TDCC complies with TCFD's climate-related financial disclosure recommendations and discloses relevant metrics.

Page 1 of 4



Methodology

The verification is in accordance with the above stated assurance standards and the TUV NORD Sustainability Report Verification Agreement.

Our verification includes the following activities:

- * Collect objective evidence of relevant performance metrics, as mentioned in the report.
- * Assurance of expectations of local or national regulations; international standards as set forth in public opinion and/or expert opinion are relevant to such general considerations.
- * Document review records and report content assessment in the context of GRI criteria application requirements.
- * Interviews with managers and related staff on issues of concern to the company's stakeholders.
- * Interviews with personnel involved in sustainability management, information gathering and report preparation.
- * Review significant organizational developments and review internal and external audit findings.
- * Review AA1000 (2018) Principles of Accountability and other compliance requirements.

Conclusion

The results of the AA1000 accountability standard for inclusivity, materiality, responsiveness and impact in the report are set out below.

Inclusivity

TDCC identifies 6 stakeholders and their concerns via the questionnaire survey, and decides materiality through stakeholder discussions, sustainability committees and experts. There are 9 material topics determined among the 19 sustainability topics including economic, governance, social, human rights and climate impact.

Materiality

TDCC complies with the GRI Guidelines, SASB Security & Commodity Exchanges industry sustainability indicators disclosure related metrics and TCFD Climate Related Financial Disclosure Proposed Indicators to fully disclose the company's material risks and opportunities, taking into account the extent of impact on the company and prioritize the materiality of the report.

Page 2 of 4



Responsiveness

TDCC Sustainability Report clearly describes the relationship between sustainability and organizational strategy and the performance metrics corresponding to the materiality and their achievement status, and adequately addresses the main issues of concern to stakeholders.

Impact

The TDCC Sustainability Report fully identifies materiality that reflect the significant economic, environmental, and social impacts on the organization. The company has established a robust process to monitor and measure the impact and establish short, medium, and long-term strategic planning through corporate governance.

GRI Sustainability Reporting Standards

TDCC Sustainability Report complies with the GRI 1 to GRI 3 universal Standards and the GRI 200 Series, GRI 300 Series and GRI 400 Series topic standards, and meet the requirements for disclosure.

Limitations

The financial report of TDCC was certified by Deloitte, the accounting firm appointed by the company.

The data of carbon emission and carbon neutralization verification of TDCC was verified by the third party, BSI.

The data of carbon emission verification of FRS (subsidiary of TDCC) was verified by the third party, DNV.

Independent Statements and Competence

TUV NORD Group is a leader in the supervision, testing and certification. It operates businesses and provides services in more than 150 countries around the world. The services include management systems and product certification; quality, environmental safety, social and moral audits and training; corporate sustainability report assurance.

TUV NORD and TDCC are mutually independent organizations, and there is no conflict of interest with TDCC or any of its affiliates or interested parties when performing the verification of the sustainability report. Regarding the sustainability report of TDCC, TUV NORD bases on the TDCC verification agreement, and does not assume any legal or other responsibilities. TDCC is responsible for responding to any questions that intended users concerned.

Page 3 of 4



The verification team is composed of experienced chief reviewers such as ISO 9001, ISO 14001, ISO 14064-1, ISO 14067, ISO 45001, SA 8000, ISO 50001, ISO 27001 etc., and has received the CSAF verification practice qualification certification of AA1000 AS v3 accountability training. The verification team bases on extensive knowledge and experience in the industry to provide professional advice in this assignment.

Jack Yeh
General Manager




Date of Issuance: 2025.06.02
TUV NORD Taiwan Co., Ltd.
Room A1, 9F, No. 333, Sec. 2, Tun Hwa S. Rd., Taipei 10669 Taiwan, R.O.C.

Page 4 of 4

Taiwan Depository & Clearing Corporation
2024 ESG Report

2024

Environment

Social Governance

Report



臺灣集中保管結算所
Taiwan Depository and Clearing Corporation

11F No.363, Fushin N. Rd., Taipei, Taiwan, R.O.C.

Tel:02-2719-5805 Fax:02-2719-5403

<https://www.tdcc.com.tw>