



2022

營業報告書

Annual Business
Report 2022

15 前言
Introduction

18 證券市場概況
Overview of the Securities Market

23 業務推動要項
Business Development Items

44 2023 年工作目標
2023 Objectives

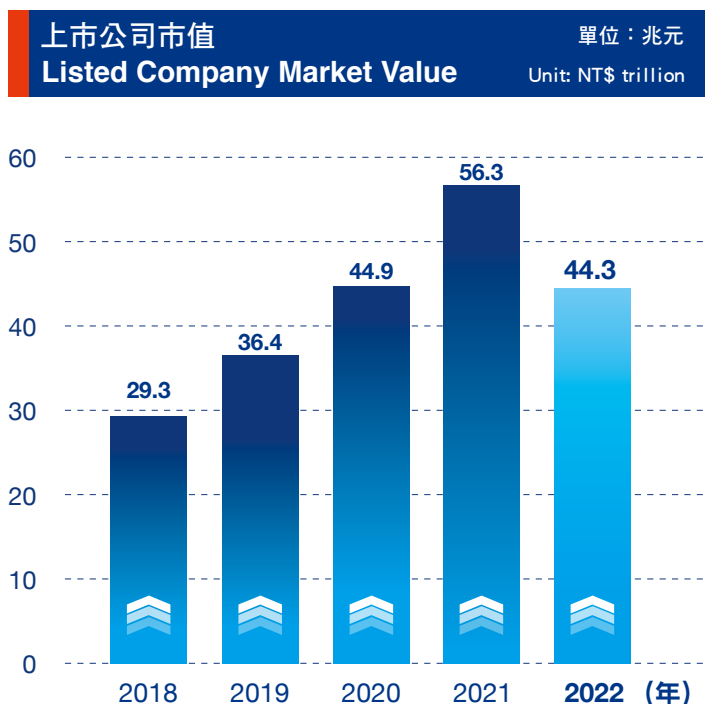
52 財務概況
Financial Overview



前言 Introduction

2022 年，台股加權股價指數於 1 月創下新高，然隨俄烏戰爭爆發，中國大陸疫情影響供應鏈中斷，點燃全球通膨上漲；國際央行加速升息，更使得全球股市量能縮減，外資降低新興市場部位，全年賣超台股 1.23 兆元，亦帶動加權股價指數走弱，於 10 月 25 日達年度最低點 12,666.12 點。嗣於國際通膨趨緩及上市公司基本面優異支撐下，台股出現明顯反彈，最後營業日加權股價指數回升至 14,137.69 點，居歷年第 3 高紀錄，雖較前（2021）年底下跌 22.40%，惟最近 3 年漲幅仍達 17.84%，相對國際主要股市 3 年漲幅介於 0.88% 至 16.65%，為全球排名第一；上市股票總市值及總成交值則因量能縮減及股價回檔，分別降至 44.27 兆元及 56.08 兆元，但仍維持歷年第三高及次高水準。

The Taiwan Stock Exchange Capitalization Weighted Stock Index (“TAIEX”) experienced a roller coaster ride in 2022, peaking in January. Global markets shrank due to the ripple effect of Russia’s invasion of Ukraine and supply chain disruptions in China caused by the pandemic, which accelerated interest-rate hikes by central banks worldwide to combat surging inflation. As a result, foreign capital has downgraded their outlook on emerging markets, with foreign investors selling a net NTD1.23 trillion of Taiwanese shares in 2022, leading to TAIEX bottoming at 12,666.12 points on October 25. With the support of listed companies’ solid fundamentals, TAIEX rebounded amid the alleviation of global inflation. On the final business day, the index closed at 14,137.69 points, marking the third highest year-end finish in its history. Although this is down 22.40% from the year-end close of 2021, TAIEX’s growth rate for the past three years still sits at an impressive 17.84%, ranking first among major global stock exchanges which averaged between 0.88% to 16.65% for the same period. Due to the slump in trading volume and stock revaluations, the total market capitalization of TWSE-listed stocks was NTD44.27 trillion, with total TWSE trading value amounting to NTD56.08 trillion, down slightly from the record high of 2021 but still sitting pretty with the third-best and second-best record.



2022 年營業天數共計 246 日，集中交易市場各類有價證券成交情形，僅指數股票型基金（下稱 ETFs）及受益證券（不動產投資信託基金；下稱 REITs）成交值較前年成長，其餘皆明顯減少。股票成交金額 56 兆 806 億元，較前年 92 兆 2,900 億元，減少 36 兆 2,094 億元，減幅為 39.23%；ETFs 成交金額 2 兆 9,381 億元，較前年增加 19.70%；認購（售）權證成交金額 5,312.10 億元，較前年減少 22.01%；臺灣存託憑證（下稱 TDRs）成交金額 103.58 億元，較前年減少 85.71%；REITs 成交金額 94.35 億元，較前年增加 77.68%；指數投資證券（下稱 ETNs）成交金額 40.60 億元，較前年減少 70.10%。

There were 246 business days in total in 2022, with mixed trading among securities trading in the centralized market. Exchange Traded Funds (ETFs) and beneficiary securities (Real Estate Investment Trusts, or REITs) increased in transaction value compared to the previous year, while other trading shrank significantly compared to 2021. The stock trading value was approximately NTD56.81 trillion, a decrease of NTD36.21 trillion or 39.23% compared with the NTD92.29 trillion of 2021. The ETF trading value was NTD2.94 trillion, an increase of 19.70% over the previous year; REITs were up 77.68% to NTD9.44 billion. The trading value of call (put) warrants was down 22.01% over the previous year to NTD531.21 billion; Taiwan Depository Receipts (TDRs) down 85.71% to NTD10.36 billion; and Exchange Traded Notes (ETNs) down 70.10% to NTD4.06 billion.



展望 2023 年，全球疫情已漸趨穩定，國際央行放緩升息，我國股市近期表現相較國際股市穩健，且外資亦漸重返台股，本公司將持續積極展開國際合作，吸引更多的國際投資者和企業參與，促進市場的國際化和多元化發展，迎戰資本市場國際盃。另將延續創新生態圈政策，重新形塑資本市場全方位特色產業聚落，打造產業新亮點，以凸顯新經濟產業價值。同時，透過實體結合線上宣導方式提高投資人的風險意識和投資理財觀念，並利用新興科技強化監理機制，促進資本市場行穩致遠。

Our outlook for 2023 is that, as the pandemic slows down and central banks ease up on the pace of rate hikes, foreign investment will flow back to Taiwan's securities market based on our consistently sounder performance compared to other global markets. The TWSE is more than ready for the challenge of competing among global capital markets, and shall seize opportunities for international cooperation, attract and encourage the participation of investors and corporations around the world, plus promote the diverse development of our market to compete in the global arena. The TWSE will continue to support startup circles and forge high-potential industrial clusters, advancing innovative industries and their growth potential to bring value in the new economy. At the same time, using both in-person and online promotional methods, the TWSE aims to raise investor awareness of related risks as well as accurate investment and wealth management principles. Emerging technologies are deployed to strengthen market monitoring mechanisms and promote a prosperous capital market with sustainable growth.



證券市場概況 Overview of the Securities Market

» 壹、發行市場

2022 年股票初次上市公司計 24 家（本國 21 家、外國 3 家），終止上市計 13 家（本國 7 家、外國 5 家、TDR 1 家，其中定額轉換為定額投控掛牌上市）；上市特別股新增掛牌計 2 家；上市（政府）公債初次上市計 13 檔，終止上市計 11 檔；ETFs 新增掛牌計 19 檔，終止上市 4 檔；ETNs 新增掛牌計 4 檔，終止上市 3 檔；認購權證新增掛牌計 35,089 檔、終止上市計 40,194 檔，認售權證新增掛牌計 8,282 檔、終止上市計 5,020 檔。籌資方面，上市公司透過債券及股票（含私募）共募集 5,542.44 億元。

» I. Securities Issuance Market

There were 24 newly listed firms in 2022 (21 domestic, three foreign) and 13 delisted firms (seven domestic, five foreign first listings, one TDR; of which Dynamic Electronics Co., LTD was listed as Dynamic Holding Co., LTD). There were two types of newly listed preferred stocks, 13 types of initially listed government bonds, and 11 delisted ones. There were 19 newly listed ETFs, plus four delisted. There were four newly listed ETNs, and three delisted ones. As for call warrants, there were 35,089 newly listed and 40,194 delisted ones. In terms of put warrants, there were 8,282 newly listed, with 5,020 having been delisted. In terms of fundraising, listed firms raised a total of NTD554.24 billion through stocks and bonds (including private funds).



2022 年集中市場有價證券發行概況如下：

2022 Securities overview in the TWSE market:

項目 Item		2022 年底 End of 2022	2021 年底 End of 2021	增減比較 Increase/ Decrease
本國公司上市普通股 Listed common stock of domestic companies	家數 Number	895	881	14
	股數 (仟股) 1,000 shares	726,473,174	715,032,471	11,440,703
外國公司上市普通股 Listed common stocks of foreign companies	家數 Number	76	78	-2
	股數 (仟股) 1,000 shares	13,505,463	12,871,983	633,480
上市特別股 Listed preferred stocks	家數 Number	20	18	2
	股數 (仟股) 1,000 shares	8,134,704	8,066,592	68,112
上市公債 Listed government bonds	檔數 Numbers	158	156	2
	餘額 Balance (億元, NT\$ 100 million)	60,207	59,019	1,188
ETFs	檔數 Numbers	143	128	15
	餘額 Balance (仟單位, 1,000 units)	62,064,015	38,674,854	23,389,161
ETNs	檔數 Numbers	20	19	1
	餘額 Balance (仟單位, 1,000 units)	4,135,000	3,485,000	650,000
認購權證 Call warrants	檔數 Numbers	17,616	22,721	-5,105
	餘額 Balance (仟單位, 1,000 units)	112,759,778	141,827,000	-29,067,222
認售權證 Put warrants	檔數 Numbers	5,684	2,422	3,262
	餘額 Balance (仟單位, 1,000 units)	35,041,216	14,536,500	20,504,716
REITs	檔數 Numbers	7	7	-
	餘額 Balance (仟單位, 1,000 units)	6,514,370	6,514,370	-
TDRs	檔數 Numbers	10	11	-1
	餘額 Balance (仟單位, 1,000 units)	1,776,712	1,812,679	-35,967
上市公司籌資 Fundraising by listed companies	股票 Stocks (百萬元, NT\$ million)	268,702	230,933	37,769
	債券 Bonds (百萬元, NT\$ million)	285,542	612,489	-326,947
	合計 Total (百萬元, NT\$ million)	554,244	843,422	-289,178

註：數字採四捨五入。(以下同)

Note: Numbers are rounded off.

》 貳、交易市場

一、股價指數走勢及成交量值

2022 年，臺股加權股價指數於 1 月 4 日為最高 18,526.35 點，惟隨著疫情及國際政經情勢演變下，趨使全球股市走弱，我國股市亦在諸等事件衝擊下，指數於 10 月 25 日下跌至年度最低點 12,666.12 點。所幸，我國基本面表現穩健，全球主要股市回升，支撐指數回穩。最後營業日加權股價指數 14,137.69 點，較 2021 年底下跌 22.40%。最高及最低點相差達 5,860.23 點。

》 II. Trading Market

1. Stock Index Trend and Trading Volume/Value

In 2022, TAIEX peaked on January 4 at 18,526.35 points. However, global markets shrank due to the effects of the pandemic plus international political and economic impacts, resulting in a decline in Taiwan's stock market performance and TAIEX bottoming at 12,666.12 points on October 25. Fortunately, with our listed companies' solid fundamentals, TAIEX rebounded as major global stock markets recovered. On the last day of trading in 2022, TAIEX closed at 14,137.69 points, 22.40% down from year-end 2021, with a difference of 5,860.23 points between the year's highest and lowest peaks.

2022 年加權股價指數走勢如下圖：

The index price chart for the year of 2022 is as follows:

2022 年發行量加權股價指數圖 2022 TAIEX chart





2022 年集中市場有價證券每日平均成交金額為 2,421.70 億元，較 2021 年之 3,914.63 億元，減少 38.14%，惟仍達預算目標數（2,400 億元）之 100.90%。其中股票、ETFs、ETNs、認購（售）權證、REITs 及 TDRs 之交易概況如下表。

In 2022, the securities market average daily trading value was NTD242.17 billion, meeting 100.90% of budget targets (NTD240 billion). This was a decrease of 38.14% compared with the NTD391.46 billion of 2021. An overview of transactions in securities, ETFs, ETNs, call (put) warrants, REITs, and TDRs is shown in the following table:

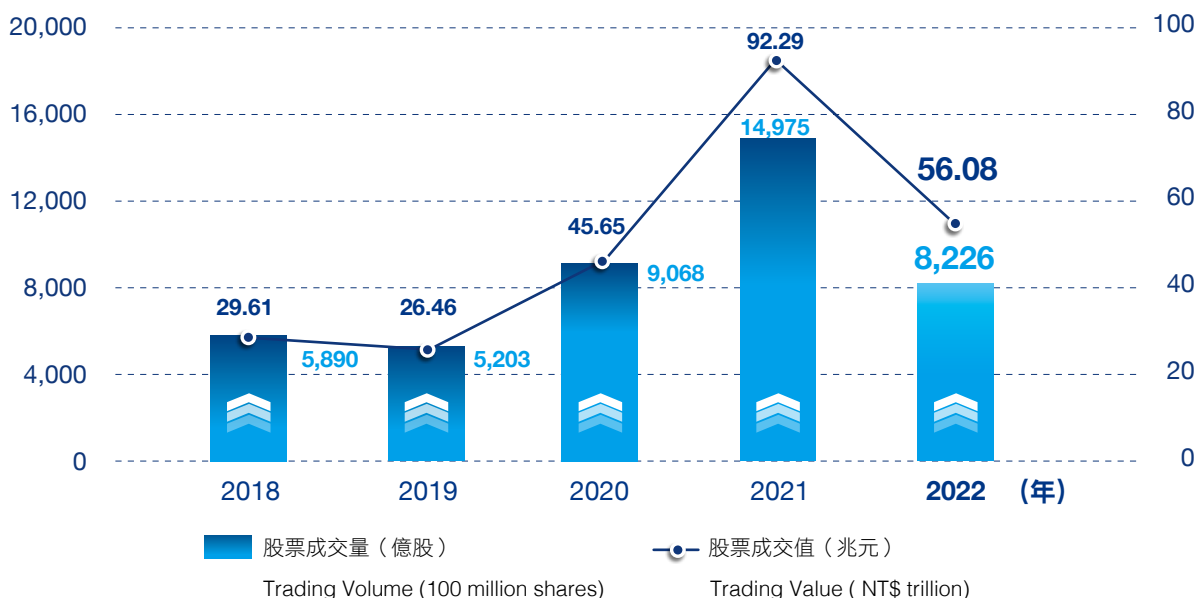
單位：除股價指數及成交量外，均為新臺幣百萬元
Unit: NT\$ million, except for stock index and trading volume

項目 Item		2022 年	2021 年	比較變動% Percentage change
股票 Stocks	股價指數（最後營業日） Stock index (final business day)	14,137.69	18,218.84	-22.40
	成交值（百萬元） Trading value	56,080,589	92,289,966	-39.23
	成交量（百萬股） Trading volume	822,565	1,497,459	-45.07
	日均值（百萬元） Average daily trading value	227,970	378,238	-39.73
ETFs	成交值（百萬元） Trading value	2,938,094	2,454,476	19.70
	日均值（百萬元） Average daily trading value	11,943	10,059	18.73
ETNs	成交值（百萬元） Trading value	4,060	13,581	-70.10
	日均值（百萬元） Average daily trading value	17	56	-70.35
認購（售）權證 Call (put) warrants	成交值（百萬元） Trading value	531,210	681,152	-22.01
	日均值（百萬元） Average daily trading value	2,159	2,792	-22.65
REITs	成交值（百萬元） Trading value	9,435	5,310	77.68
	日均值（百萬元） Average daily trading value	38	22	76.24
TDRs	成交值（百萬元） Trading value	10,358	72,506	-85.71
	日均值（百萬元） Average daily trading value	42	297	-85.83

單位：億股
Unit: 100 million shares

股票成交量值 Trading Volume and Value

單位：兆元
Unit: NT\$ trillion



二、證券商經營概況

至 2022 年底，與本公司簽訂集中市場使用契約之證券商為 69 家（包含 2 家期貨商兼營證券自營商），其中綜合證券商有 33 家，除經紀、自營及承銷傳統業務等主要獲利來源外，證券商也積極發展財富管理、國際證券、創投及私募股權基金等多項新種業務，全體證券商全年合計稅後淨利 387 億元。

2. Overview of Broker Operations

As of the end of 2022, there were 69 brokers (including two futures firms running securities proprietary business) who had signed a contract for the use of the securities market with the TWSE. Of these, 33 were integrated securities brokers. In addition to the traditional sources of profit including brokerage, proprietary, and underwriting business, brokers also proactively developed new business such as wealth management, international securities, venture capital, and private equity funds. Brokers made a total net income of NTD38.7 billion for the year.



業務推動要項 Business Development Items

在主管機關的督導下，本公司依循年度業務計畫，推動各項業務，同時，在面臨國際政經情勢變動，本公司身為證券市場營運核心，兼負市場永續發展之責，以「創新・永續・韌性」為主題，推出業務新亮點，包括推動及活絡創新板、建構 ESG 生態系、強化複委託服務管理、資安防護與韌性升級及大數據專案等，以引領證券市場穩健前行，列舉 2022 年重大業務執行情形如下：

Under the leadership of the regulatory authority, the Financial Supervisory Commission (FSC), the TWSE pushed forward with various work items in compliance with our annual business plan. As the operational core of the securities market and tasked with its sustainable development, the TWSE put forth the themes of “innovation, sustainability, and resilience” to highlight the direction of its future development, which includes promoting and activating the Taiwan Innovation Board (TIB), constructing Taiwan’s ESG ecosystem, strengthening sub-brokerage services and management, promoting the upgrade of information security, and setup of a big data platform, so as to facilitate the healthy development of Taiwan’s securities market. A number of major businesses were undertaken in 2022 as illustrated below:



打造臺灣創新板 TIB 品牌標誌

The TWSE establishes the Taiwan Innovation Board (TIB) brand.



本公司參展「2022 Meet Taipei 創新創業嘉年華」

The TWSE participates “2022 Meet Taipei Startup Festival.”

» 壹、推動及活絡創新板

成立跨部門專案小組，整合資源發揮綜效，精進創新板規章，增進法規彈性，積極推動招商，建立市場定位，打造臺灣創新板 TIB 品牌標誌：

- 一、多元管道推動招商，加強對集團旗下及非集團新創企業之推動，並透過行政機關、創投機構、新創育成機構及各項活動擴大交流，以行動支持創新育成。對中介機構辦理 16 場個別訪談交流會議及 2 場大型推動座談會。
- 二、2022 年拜訪國內外共 77 家新創公司（含 14 家上市集團），在積極推廣下，申請上市家數達 8 家，顯著成長，且產業呈現多元分散，包括數位科技、綠能、半導體及生技醫療等。
- 三、擴大市場參與人數，針對創新板法人資格條件及自然人財力證明標準進行鬆綁，自 8 月 11 日實施，並舉辦推廣活動及獎勵競賽，帶動合格投資人自前一年底的 6.6 萬戶突破 11 萬戶，增加逾 6 成。
- 四、提升創新板股票流動性，制定創新板造市者制度，鼓勵證券自營商擔任造市者，自 8 月 11 日實施。

» I. Promoting and Activating the TIB

The TWSE established a cross-departmental task force to integrate and maximize the use of resources, revised related legislations to increase flexibility and create friendlier legal conditions, and attracted participants through the creation of the TIB brand and market positioning.

1. The TWSE will continue attracting listings through multiple channels and actively support the development of startups, both affiliated and unaffiliated with business groups, via the assistance of administrative agencies, venture capital firms, and startup incubation institutions. The TWSE held 16 individual meetings with intermediary institutions and conducted 2 large-scale promotional forums.
2. In 2022, the TWSE visited 77 startups (including 14 listed business groups). The active promotional efforts have resulted in a considerable growth in listings. The 8 TIB listing applications for this year comprise diverse industries, including digital technology, green energy, semiconductors, and biotechnology and medicine.
3. To increase the number of market participants, some requirements were loosened on August 11, including those regarding qualifications for TIB investors who are juridical persons and financial statements from natural person investors. With the added effect



of promotional events, the number of qualified investors have been boosted to over 110,000, up more than 60% over 66,000 in the previous year.

4. On August 11, the TWSE put in place a market making system to encourage securities companies to serve as market makers to enhance the liquidity of the stocks on the TIB.

» 貳、建構 ESG 生態系

為因應國際永續發展趨勢，本公司身為證券市場一份子，希望結合各單位資源建構 ESG 生態系，讓 ESG 成為臺灣企業在國際競爭利基，相關措施如後：

- 一、整合 ESG 資訊平台：6 月 30 日於公開資訊觀測站（MOPS）完成建置 ESG 資料庫，作為生態系的發展基礎，俾利規劃整合性 ESG 資訊平台，設計符合使用者互動感受的介面，提供 ESG 績效重點、ESG 商品資訊及相關法規準則等內容。
- 二、研議建立獨立之 ESG 評鑑：參酌國際永續發展相關準則及國際主要 ESG 評鑑，篩選具鑑別度、可比性之指標，並持續蒐集產官學界相關意見，鼓勵企業 ESG 資訊揭露。
- 三、協助企業進行碳盤查及揭露：推動上市公司發布 2021 年度永續報告書共 487 家；為持續提升我國非財務資訊揭露品質，辦理相關研討會及教育訓練，協助公司進行碳盤查及揭露、瞭解報告書實務編製流程與重點，並提升企業撰寫報告之品質。
- 四、進行人才培育及強化投資人關係：為能厚植我國 ESG 人才庫，規劃積極投入人才培育及建置投資人關係連結，深化與機構投資人關係。
- 五、推動重要公司治理措施，與國內外產業界、非政府組織（NGO）合作，並與 ACGA、CDP、ICGN、GRI、OECD 等國際組織頻繁交流，提升我國公司治理水準與國際能見度。

II. Constructing Taiwan's ESG Ecosystem

In response to the global trend of sustainability, the TWSE, as a market player, intends to construct an ESG ecosystem by pooling together the resources of various units, thereby making ESG an advantageous quality of Taiwanese enterprises in the competitive global market. The relevant measures are as follows:

1. Integrate the ESG information platform: The TWSE completed the ESG database on the Market Observation Post System (MOPS) website on June 30, 2022, serving as the foundation for the development of the ESG ecosystem. The TWSE plans to upgrade the database into a comprehensive ESG platform, an interactive user interface which integrates major ESG performances, information on ESG products, and related laws and regulations.
2. Establish an independent ESG evaluation: The ESG evaluation will be established based on international sustainability criteria and practice, with indicators which are distinguishable and comparable. The TWSE will continue to gather feedback from all sectors and encourage companies to disclose ESG information.
3. Assist in carbon inventory and disclosure: Under the TWSE's guidance, 487 listed companies published their sustainability reports for the year 2021. To continue enhancing the quality of Taiwan's non-financial information disclosure, the TWSE hosted related seminars and training courses to assist companies in conducting carbon inventory and disclosure, as well as in understanding the practical aspects and key procedures in the report writing process so as to enhance the quality of reporting.
4. Augment talent cultivation and investor relations: To build up an ESG talent pool, the TWSE will actively engage in talent cultivation. In addition, the TWSE will promote the development of investor relationships and enhance connections with institutional investors.
5. To promote major corporate governance measures, the TWSE cooperates with industry leaders and NGOs at home and abroad, working closely with ACGA, CDP, ICGN, GRI, OECD, and other international organizations to maximize Taiwan's standards of corporate governance and global visibility.



本公司與證券櫃檯買賣中心共同舉辦「永續發展路徑圖主題宣導會」

The TWSE and TPEX jointly conduct briefing to promote the “Sustainable Development Guidemap.”

》參、強化複委託服務管理

因應複委託交易活動持續成長，並秉持促進證券商業務多元化、提升競爭力的立場，推動開放外幣融資業務，並同時提升投資人資產安全保障及證券商的風險控管，規劃建置服務管理平台。

》III. Strengthening Sub-brokerage Services and Management

With the continued growth of sub-brokerage services, the TWSE is developing a service management platform, allowing securities firms to extend foreign currency financing, and working to enhance the asset protection of investors and risk management. These measures aim to diversify securities firms' business and boost competitiveness.

» 肆、資安防護與韌性升級

一、強化資安意識與事件應變處理能量

- (一) 與證券期貨相關機構共同試行證券暨期貨市場電腦緊急應變支援小組 (SF-CERT)，全天候線上協助業者應變資安事件，包括協助與關懷、顧問諮詢、發布資安警訊等。另藉由建立 2 項指引 (資安事件應變處理、日誌留存) 及辦理 2 場應變訓練及 4 類資安演練，增進市場整體的資安意識及應變處理能力。
- (二) 經由分析資安事件、蒐集情資等機制，主動發現並跟催供應鏈 (電信業者、委外開發廠商及資訊廠商等) 造成之產業共通性議題，包括：DDoS 攻擊、電信業者斷線、憑證系統漏洞、系統架構老舊、遭放置惡意程式等，有效遏止後續資安事件發生。
- (三) 制定證券暨期貨市場各服務事業「網路安全防護」、「資通系統安全防護基準」、「供應鏈風險管理」、「新興科技資通安全」及「資訊作業韌性」等 5 份參考指引，提供證券商公會、期貨公會、投信投顧公會發展為資安自律規範，以強化證券期貨市場資安制度。

二、持續鼓勵第一級上市公司資安升級

- (一) 鼓勵加入台灣電腦網路危機處理暨協調中心 (TWCERT / CC)。
- (二) 推動第一級上市公司共 102 家設置資安長及資安人力。

三、推動證券商資安防護升級

- (一) 網路下單系統採雙因子驗證機制，避免遭受駭客冒名下單之撞庫資安事件。
- (二) 精進證券商資通安全管理，辦理資通安全總體檢作業。
- (三) 推動第三、四級提供網路下單服務之證券商提前完成建置網路資安防禦機制，並提供第四級證券商獎勵措施，以提升證券商資安防護能力。

» IV. Information Security Upgrading

1. Enhance Cyber Security Awareness and Responsiveness to Security Incidents

- 1) The TWSE and peripheral units established the Security and Future Computer Emergency Response Team (SF-CERT), providing industry members with around-the-clock assistance in response to security incidents. SF-CERT services also include guidance and aid, consultation, plus issuance of information security alerts. Moreover, the TWSE established two guidelines regarding the handling of information security incidents and log retention. Two training sessions for incident response and four types of security drills were conducted to strengthen the market's overall cyber security awareness and responsiveness.



- 2) The TWSE has effectively prevented the occurrence of information-security incidents by actively identifying and tracking common supply chain issues (including telecom operators, developers, and IT firms) via analysis of information-security incidents and collection of intelligence. Some of the common issues involve DDoS attacks, interruption of telecom services, verification of system errors, aging servers, and malware infection.
 - 3) The TWSE established 5 guidelines for securities firms and futures commission merchants, namely regarding: internet security defense, defense standards for information system security, supply chain management, cyber security for emerging technologies, and information operational resilience. These serve as reference for the Taiwan Securities Association, Chinese National Futures Association, and SITCA (Securities Investment Trust & Consulting Association of the R.O.C.) to establish self-disciplinary regulations to bolster the cyber security framework of the entire securities and futures market.
2. Spur First-Level Listed Companies to Upgrade Information Security
 - 1) The TWSE encourages listed companies to join TWCERT/CC.
 - 2) The TWSE urges the 102 first-level listed companies to appoint a Chief Information Officer (CIO) and dedicated information security staff.
 3. Urge Securities Firms to Upgrade Information Security
 - 1) Securities firms should adopt a two-factor authentication mechanism for online trading to prevent against credential stuffing attacks using stolen usernames and passwords.
 - 2) To better the information security management of securities firms, the TWSE carried out information security checks to identify securities firms' implementation status.
 - 3) The TWSE has encouraged third-level and fourth-level securities firms with online order placement services to install cyber security protection mechanisms in advance, and provides incentives for fourth-level securities firms to enhance their cyber security protection capabilities.

» 伍、建置大數據平台

- 一、擴大運用人工智慧及大數據等新興科技於上市監理及市場監視業務，藉由科技之輔助以自動化作業取代人力，透過視覺化方式進行多維度分析，增進即時資訊掌握，已辦理多場教育訓練及工作坊，引導同仁學習操作視覺工具，發掘數據價值，俾提升上市監理及市場監視作業之效率及正確性。
- 二、規劃導入企業智慧視覺化分析工具，提升人員數據分析能力，提供分析服務，推動數據文化，加速制度、產品與服務規劃，提升市場競爭力。

» V. Setup of a Big Data Platform

1. The TWSE will expand the application of emerging technologies, such as AI and big data, in market surveillance and monitoring, to boost the efficiency and accuracy of such works. Multiple training seminars and workshops have been conducted to familiarize personnel with visualization tools to conduct multi-dimensional analysis, stay on top of real-time data, and unlock new value from big data.
2. The introduction of intelligent visualized analytical tools will enhance staffers' data analytical capabilities and offer more comprehensive analytical services. By promoting a data-driven culture, the TWSE can accelerate planning for innovative systems, products, and services, so as to augment market competitiveness.

» 陸、其他重點業務

一、擴大證券市場規模及新商品上市

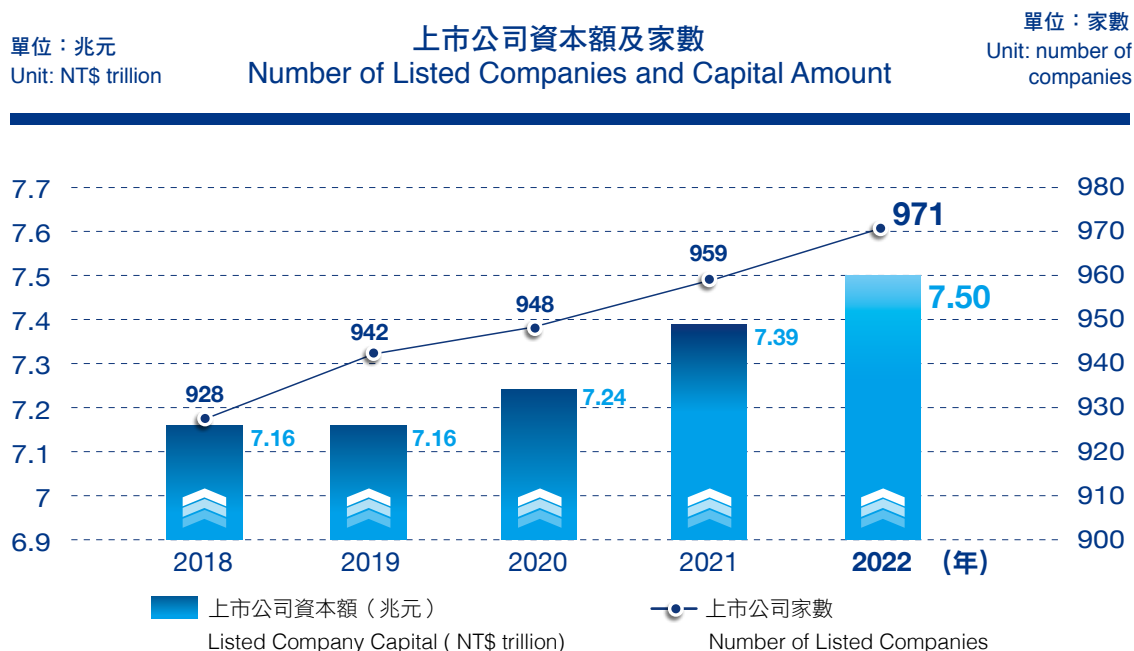
- (一) 2022 年國內發行公司申請股票上市者計有 23 家（含 7 家創新板），新增上市掛牌計有 21 家；外國發行公司申請股票上市者計有 3 家（含 1 家創新板），新增上市掛牌計有 3 家（含 1 家創新板）。
- (二) 2022 年計有 19 檔 ETF 上市，包括 11 檔海外股票 ETF，及 8 檔臺股 ETF，滿足投資人布局高股息、元宇宙、數位支付、全球品牌、半導體、太空衛星、REITs 等投資需求。
- (三) 2022 年計有 4 檔臺股 ETN 上市，提供投資人對 IC 設計、綠色能源及期權策略型 ETN 等熱門主題投資機會，掌握投資趨勢。
- (四) 公告並實施期權策略型 ETN 修正法規，並於 12 月 5 日推出首檔掩護性買權策略商品，促進我國 ETN 新商品發展。



» VI. Other Major Businesses

1. Expand the Scope of the Securities Market and New Product Offerings

- 1) In 2022, there were 23 domestic companies that applied for stock listing, including seven TIB listings, with 21 newly listed companies. Three foreign companies applied for stock listing, including one TIB listing, with three newly listed companies.
- 2) A total of 19 ETFs were listed in 2022, including 11 overseas securities ETFs and eight domestic securities ETFs, fulfilling investment needs in areas such as high dividends, exposure to the metaverse, digital payment, global brands, semiconductors, aerospace and satellite, and REITs.
- 3) The year 2022 saw a total of four domestic ETNs listed for trading, allowing investors to stay on top of the latest investment trends in IC design, green energy, and index option strategies.
- 4) To promote the development of new domestic ETN products, the TWSE launched amended regulations regarding index option strategy ETN products, and offered the first such product on December 5.



二、強化上市公司服務與監理

- (一) 因應俄烏戰爭，疫情封城停工，進行問卷調查，與中介機構聯繫，瞭解對個別公司及產業影響，針對重大事件督促上市公司即時發布重大訊息並適時澄清。
- (二) 為增進上市公司對重大訊息、資訊申報及法規之瞭解，辦理 8 場次上市公司業務宣導會；另分別辦理國內上市公司、外國上市公司重大訊息之查證與公開計 32,867 件、4,522 件，重大訊息抽查計 199 家次、68 家次，重大訊息說明記者會計 129 家次、10 家次，及訊息面暫停交易案件計 5 家次、3 家次。
- (三) 推動上市公司採用 IFRS 及辦理 Inline XBRL 申報財務業務資訊，分別舉辦 4 場 IFRS 宣導會及 4 場 Inline XBRL 宣導會，協助公開發行公司瞭解相關申報規定與作業。

2. Strengthen Services and Monitoring of Listed Companies

- 1) In light of the Russian invasion of Ukraine and work stoppages due to lockdowns, the TWSE conducted questionnaires and maintained close contact with intermediaries to gain a better understanding of the impacts on individual companies and industries. In cases of major events, listed companies were advised to disclose material information in a timely manner.
- 2) The TWSE held eight sessions of the “Listed Companies Seminar” to enhance listed companies’ understanding of material information, information disclosure, and relevant laws and regulations. Furthermore, for domestic listed and foreign listed companies, respectively, a total of 32,867 and 4,522 cases of verification and disclosure of material information were conducted; 199 and 68 random checks were implemented; 129 and 10 press conferences were held on material information disclosure; and 5 and 3 trading halts were instituted.
- 3) The TWSE promoted the use of IFRS and Inline XBRL by listed companies to report financial business information, holding four promotional meetings for each to assist public companies to understand relevant reporting requirements and operations.



三、精進市場交易制度

- (一) 開放投資人得以客戶應收在途交割款之債權為擔保，設定權利質權予證券商以向證券商申請不限用途款項借貸融通資金，自 5 月 9 日實施。
- (二) 開放證券自營商參與轉換公司債競價拍賣，提高機構法人參與度，自 6 月 27 日實施。
- (三) 精進交割結算基金制度，明確規範未違約證券商交割結算基金分擔金額上限與計算方式、調整動用順序與補足規定、增訂未違約證券商申請退場要件等，自 7 月 4 日實施。
- (四) 盤中零股交易撮合間隔時間縮短至 1 分鐘，以提升成交機會，自 12 月 19 日實施。

3. Enhance Trading System

- 1) Starting May 9, the TWSE allows investors to create a pledge using in-transit receivables as collateral, and apply for financing through non-restricted purpose loans with securities firms.
- 2) As of June 27, the TWSE permits securities dealers to participate in competitive auctions of convertible corporate bonds to boost market participation by institutional investors.
- 3) The TWSE amended provisions to the Clearing and Settlement Fund system on July 4 to expressly set out the order of utilization and calculation method of the capped amounts borne on a shared basis by non-defaulting securities firms out of their contributions to the Fund. The amendments also specified matters relating to the replenishment of resources expended from the Clearing and Settlement Fund, as well as the requirements for non-defaulting securities firms that wish to apply to exit the market.
- 4) From December 19, 2022, the TWSE shortened the matching interval for intraday odd lot trades to one minute, in order to increase transactions.

四、優化證券商管理

- (一) 推動「證券期貨業永續發展轉型執行策略」，規劃 ESG 申報機制並請證券商按季申報 ESG 執行進度，督促證券商落實執行 ESG。
- (二) 為提供證券商因應疫情發展，彈性應變機制，修正「證券商因應嚴重特殊傳染性肺炎（COVID-19）事件申請居家辦公指引」、「建立證券商資通安全檢查機制」、「證券商內部控制制度標準規範」等規範。
- (三) 6 月 30 日公告修正證券商公司治理實務守則，以落實性別平等之國家永續發展目標，鼓勵證券商增加女性董事比率。
- (四) 9 月 5 日開放證券商交割專戶客戶分戶帳資金運用於投資國庫券及政府債券，活化交割專戶客戶分戶帳之款項運用，提高收益。
- (五) 10 月 11 日開放證券商得受理法人採通信或電子化方式辦理開戶，提供投資人更完善金融服務。

4. Optimize Management of Securities Firms

- 1) The TWSE encourages securities and futures firms to implement sustainability transformation and implement ESG strategy, and plans to launch an ESG reporting mechanisms for securities firms to report on their quarterly progress in implementing ESG measures.
- 2) To allow securities firms to flexibly respond to the developments of the epidemic situation, the TWSE amended the provisions of relevant regulations, including the “Guidelines for the Work-From-Home Application by Securities Firms in Response to COVID-19”; “Establishing Information Security Inspection Mechanisms for Securities Firms”; and “Criteria Governing Internal Control Systems of Securities Firms.”
- 3) On June 30, the TWSE announced the amended “Corporate Governance Best-Practice Principles for Securities Firms.” The amendments encourage securities firms to increase the presence of female members on the board, implement gender equality, and help achieve Sustainable Development Goals (SDGs).
- 4) Starting on September 5, to activate the use of funds in customers’ ledgers in securities firms’ settlement accounts and generate income, securities firms may invest in treasury bonds and government bonds through their customers’ settlement accounts.
- 5) On October 11, the TWSE relaxed regulations enabling securities firms to allow juristic persons to open accounts through telecommunication or online channels, thereby providing more comprehensive investor services.



本公司舉辦證券業永續發展轉型執行策略宣導座談會

The TSWE hosts the “Securities Industry Transition Strategies of Sustainable Development Promotion Symposium.”

五、增進市場交易監理

- (一) 9月26日實施延長撮合間隔時間之有價證券交易資訊揭露新制，遇價格劇烈波動時，採暫緩開收盤、盤中價格穩定等相關配套措施。
- (二) 市場監視作業：2022年公布注意交易資訊之有價證券計478檔2,773次，採取處置措施者計72檔114次。另於交易時間即時對新聞報導及網路訊息進行監看，發現影響上市公司股票價格之重大訊息並請其公告澄清者計16次，執行跨市場監視資訊通報計12次。
- (三) 電視投資理財節目之側錄、監看情形：2022年側錄檢視1,320個電視投資理財節目。節目分析人員言論明顯涉有違規情事已陳報主管機關者，計有30件、28人次。
- (四) 辦理5場次之「防範內線交易宣導說明會」及4場次之「內部人股權交易法律遵循宣導說明會」，協助與會人員充分知悉規範。

5. Improve Monitoring of Trading

- 1) From September 26, the TWSE provides trading information for disposition securities and securities listed under the altered-trading-method category where periodic call auction is adopted. In cases of extreme price fluctuation, the TWSE will implement a volatility interruption system to delay the current matching by two minutes during opening and closing session, same as intraday trading session.
- 2) Market surveillance: In 2022, there were 2,773 announcements or notices of attention to trading information regarding 478 securities, and 72 disposition measure types taken 114 times. Furthermore, monitoring of news reports and internet messages during real-time trading found 16 cases where material information affected listed companies' share prices and requests were issued to the listed companies for clarification. There were 12 information reports conducted on cross-market surveillance.
- 3) Recording and monitoring investment and wealth management television programs: In 2022, 1,320 such programs were recorded and reviewed. Twenty-eight program analysts were reported to the competent authority 30 times for making comments that clearly violated regulations.
- 4) To ensure sufficient knowledge of relevant regulations, in 2022, the TWSE held five sessions of the "Prevent Insider Trading Seminar" and four sessions to promote compliance with insider trading regulations.

六、電腦應用與資訊服務

(一) 系統升級

1. 強化電腦機房維運安全：持續強化新型態威脅防護，規劃建置磁帶屏蔽防護儲存室，並執行相關作業。
2. 提升電腦主機系統效能及安全，持續汰舊換新不斷電系統及非交易網路外部防火牆設備與擴充電腦設備。
3. 擴充 FIX 交易委託連線容量，滿足證券商申請需求，維持整體市場使用安全容量；FIX 委託方式新增特殊交易連線（含標借、拍賣、一般標購及證金標購），以持續推廣 FIX 國際標準通訊協定，有效提升證券商委託線路備援能力。



(二) 優化服務

1. 優化資訊公開揭露網站，建置新版雙語查詢入口網站「ezSearch 公告快易查」，自 4 月 28 日上線，提升資訊揭露品質。
2. 優化 WebPro 拍攝及轉播作業品質，引進專業電視台協助，以提升公司整體形象，並吸引群眾觀看興趣，達到活動傳導目的。
3. 配合盤中零股交易制度變革，規劃仿整股交易制度產製相應之盤中零股交易歷史資料，滿足外界研究盤中零股交易所需，並藉由研究帶動投資人深入了解盤中零股交易制度，進而實際投入股市，活絡市場。

6. Computer Applications and Information Services

1) System Upgrade

- A. Enhance operational security of data centers: Continue to fortify against new threats by establishing Electromagnetic Interference (EMI) shielding for data storage and other related measures.
- B. The TWSE will continue to upgrade equipment for uninterrupted power supply, non-trading network firewall, and expansion facilities.
- C. The TWSE expanded the order capacity of the FIX protocol to meet the needs of securities brokers and maintain the operational safety of market trading. Additions to the protocol include Auction, Reverse Auction, Reverse Auction by Securities Finance Enterprises, and Lending Auction. The TWSE shall stay up to date on the FIX protocol to enhance the performance of Taiwan's brokers.

2) Service Optimization

- A. To optimize web design and upgrade the quality of information disclosure, the TWSE launched the bilingual inquiry website – “ezSearch,” on April 28.
- B. With the assistance of professional studios, the operations and quality of WebPro videos were optimized to upgrade the TWSE's overall image and educate the public through engaging content.
- C. In connection with the intraday odd lot trading reform, the TWSE offers retroactive historical data related to intraday odd lot trading data for the entire market. By using data dating from before the launch of the system, analysts can further understand the intraday odd lot trading system to offer vital insights and inject momentum into the securities market.

七、國際事務、推廣宣導及公益

（一）國際事務與合作

1. 參與世界交易所聯合會（WFE）、亞洲暨大洋洲交易所聯合會（AOSEF）、國際證券管理機構組織（IOSCO）等國際證券組織會議及事務，藉出席 2022 年 WFE 年會及 IOSCO 年會期間，與 20 餘家各國證券市場機構交流，並於 WFE 線上工作委員會、AOSEF 線上研討會中分享我國散戶市場發展及投資人教育數位化經驗及推動成果。另參與 WFE 網路安全、金融科技、統計、永續及新成立之科技工作小組，提升國際能見度及影響力。
2. 鞏固交易所網絡連結，與韓國交易所、日本交易所、新加坡交易所多次舉辦首長會談、業務交流會議及互訪活動，深入探討市場實務，並持續與各亞洲鄰近交易所探討合作方案。
3. 強化與中介機構交流，借重中介機構會議平台，增進國際中介機構對臺股市場創新板、交易制度及 ESG 等最新發展之理解，宣傳臺股最新發展。
4. 拓展海內外引資活動，線上實體並行協助上市櫃公司與國際投資者溝通，辦理 8 場實體及線上引資，邀請約 1,500 位機構法人與 221 家次公司，進行近 3,000 場會談。



本公司響應 2022 年全球交易所「性別平權敲鐘」活動

The TWSE takes part in the 2022 “Ring the Bell for Gender Equality” among stock exchanges worldwide.



7. International Affairs, Promotion & Marketing, and Public Interest

1) International Business and Cooperation

- A. The TWSE participated in the meetings and affairs of international securities-related organizations, such as the World Federation of Exchanges (WFE), Asian and Oceanian Stock Exchanges Federation (AOSEF), the International Organization of Securities Commissions (IOSCO), and other global bodies. At the 2022 annual meetings of the WFE and IOSCO, the TWSE met with representatives from over 20 international exchanges. In addition, the TWSE shared its experience in developing the retail investor market and achievements in promoting online investor education at the online working group meeting for the WFE and online seminar hosted by AOSEF. The TWSE took part in WFE working groups for cyber security, Fintech, statistics, and sustainability, as well as the newly established technology working group, raising Taiwan's international visibility and influence.
- B. The TWSE strengthened exchange network relationships, by conducting numerous leadership summits, conferences, and visits with the KRX, JPX, and SGX to discuss market operations and continued to engage the exchanges of neighboring Asian countries to discuss further cooperation.
- C. To promote the latest TIB information and developments and the TWSE in areas such as trading system reforms, ESG progress, and stock performance to a broader international audience, the TWSE works to reinforce ties with intermediaries and amplify core messages through conferences and gatherings of intermediary institutions.
- D. To attract domestic and foreign investments, the TWSE held manifold online and in-person events to facilitate communication between listed companies and international investors. A total of eight in-person and online capital introduction events were held this year. The TWSE also held nearly 3,000 meetings with roughly 1,500 institutional investors and 221 companies.

（二）推廣宣導與公益

1. 辦理證券投資教育宣導

- （1）校園推廣教育：包括全國教師證券知識研習營、校園證券投資智慧王、學校及機關團體參訪服務，並前進校園辦理大專院校金融教育校園實體講座。
- （2）投資人推廣教育：包括辦理社區大學理財講座、設置「投資風險宣導網路專區」、舉辦「防範金融投資詐騙宣示儀式」、宣導畫冊電子書於 21 個縣市公共圖書館上架、製作證券金融宣導 DVD 短片、紅包袋暨吉祥賀卡應景文宣品等。
- （3）網路數位族群推廣教育：包括網路闖關有獎徵答活動、投資人知識網、臉書（FB）粉絲專頁、「瘋存股想入市 宅在家學習網」數位學習平台、年輕人投資風險宣導網路專區、認識臺灣創新板（TIB）有獎徵答活動及設置「證券投資反詐騙專區」等。
- （4）投資人服務：包括投資人服務專線、投資人查詢開戶及交易資料服務。
- （5）辦理 ETF 競賽、ETN 獎勵措施、投資人 ETN 獎勵活動。



宅在家學習網

TWSE Learning at Home Network.



本公司暨證券期貨周邊機構齊心宣示反制金融投資詐騙

The TWSE joins hands with other securities and futures market operators in anti-fraud campaign.



2) Promotion, Education, and Public Interest

A. Promote securities investment education

- a. Promote education on campus: Activities included securities knowledge workshops for teachers nationwide, the TWSE securities investment competition on campus, and visits to schools and organizations. The TWSE also held a series of in-person Financial Education Campus Seminars.
- b. Promote education for investors: Included 50 sessions of wealth management lectures in community colleges; the launch of promotional illustrated ebooks at public libraries in 21 counties and cities; and the publication of promotional literature such as DVDs on securities and finance, red envelopes, and Lunar New Year holiday cards.
- c. Promote education for internet users: Included online quizzes with awards and prizes, the Investor Knowledge Network website, FB fan page, digital learning platform “Diving into the Stock Market – Learning at Home,” online promotional material for young investors regarding wealth and risk management, prizes for completing online quizzes and missions regarding the TIB, and the launch of the “Securities Investment Anti-fraud Zone” website.
- d. Investor services: Included a service hotline for investors, inquiry for opening an account, and trading information services.
- e. Conducted ETF competitions, ETN incentives and rewards, and investor ETN activities with prizes.

2. 媒體傳播

- (1) 每月董事會後召開例行記者會。
- (2) 針對公司治理評鑑結果、證券市場新未來及強化上市公司監理機制等證券市場重要議題，召開 3 場次記者說明會。
- (3) 對外發布證券市場重要資訊新聞稿逾 800 則。
- (4) 與國內主要財經媒體共同合作，舉辦 7 場次投資座談會及投資講座。

3. 辦理社會公益活動

- (1) 捐贈社福機構照顧弱勢族群：透過評估「衛福部公益勸募管理系統」所列許可勸募活動，捐贈 259 家社福機構，及配合「聯合勸募協會」之規劃，捐贈 60 家社福機構，扶助經濟弱勢之老人、兒少家庭、身心障礙及疾病治療等族群，合計 7,885 萬元。
- (2) 關懷校園經濟弱勢學子：透過「教育部學校教育儲蓄戶」，關懷經濟弱勢學生，惠及全臺 20 縣市，322 所學校及 11,279 名學生，合計 5,588 萬元。
- (3) 配合證券期貨周邊單位及金融總會公益捐贈活動：捐助「金融服務業教育公益基金」、「國際金融研究學院計畫」、「大專生金融就業公益專班」及「金融有愛—食（實）物銀行」、「臺灣少年足球聯誼賽」等公益活動，合計 3,309 萬元。
- (4) 配合政策及其他社會公益等捐贈：捐助全國 22 縣市政府社會局（處）「社會救助金專戶」、「烏克蘭國際援助專案」、中華文化總會除夕夜活動及總統府建築光雕展演、「聽見南臺灣」公益音樂會等公益捐贈，合計 2,567 萬元。





B. Media and press

- a. Held press conferences following monthly board meetings.
- b. The TWSE held three press conferences for significant issues regarding the securities market, including corporate governance evaluation results, new market developments, and strengthening the monitoring mechanisms for listed companies.
- c. More than 800 press releases were issued on important securities market news.
- d. The TWSE cooperated with major domestic finance media to hold seven investment forums and investment seminars.

C. Social welfare and charity events

- a. Donations to social welfare organizations for underprivileged groups: The TWSE donated a total of NTD78.85 million towards 259 officially registered charitable organizations via the “MOHW Charity Donations Destined for Social Welfare Funds Administration System” and 60 social welfare organizations in cooperation with United Way of Taiwan, assisting the economically vulnerable elderly, families in need, the disabled, and those in disease treatment.
- b. Assistance for underprivileged students: The TWSE donated a total of NTD55.88 million to the “School Education Special Savings Account” on the Ministry of Education’s philanthropy fundraising platform to assist 11,279 economically disadvantaged students from 322 schools in 20 counties and cities across Taiwan.
- c. Charitable activities with peripheral agencies and the Taiwan Financial Services Roundtable: The TWSE donated and funded such activities as the Financial Services Education Fund, the International Finance Institute (IFI), special public welfare classes in finance for college students, “Financial love - (real) food bank,” and the Taiwan Youth Soccer Cup to a total of NTD33.09 million.
- d. Donations in line with policies or for other social causes: The TWSE donated to several social welfare causes, including to the social assistance funds of 22 county/city governments nationwide; international relief funds for Ukraine; the Chinese New Year’s Eve events by the General Association of Chinese Culture; the Presidential Office Building Light Show; and the charity concert “Hear the South of Taiwan” to a total of NTD25.67 million.

2023 年工作目標

2023 年面對後疫情時代，全球供應鏈重組，臺商全球布局調整，各國邊境解封，外資亦逐漸折返投資臺股。本公司將從創新板的「創新 + 永續」產業聚落延伸，重新形塑全方位特色的產業聚落，重啟實體國外招商及引資，加強國際合作及連結，迎戰資本市場國際盃；其次，於積極推動的同時，考量我國經濟及股市表現與國際高度連結，而現今全球政經環境不確定性仍高，持續強化市場規範及監管，提高投資者的風險意識及保護，亦為今年業務重點。業務推動規劃如下：

2023 Objectives

With the restructuring of the supply chain, redeployment of Taiwanese businesses, and reopening of borders in the post-pandemic era, foreign investment has gradually returned to Taiwan's stock market. Extending outward from the TIB's thematic basis of "innovation + sustainability," the TWSE seeks to forge high-potential industrial clusters, reactivate overseas in-person capital introduction events, strengthen international cooperation and ties, and boost our competitiveness among global capital markets. At the same time, considering the elevated levels of today's economic and political uncertainties and interconnectedness of domestic and foreign markets, the TWSE will continue to closely monitor and regulate the market to better protect investors and raise their risk awareness. Highlights of business planning are as follows:



» 壹、形塑特色產業聚落

- 一、疫情及地緣政治牽動全球供應鏈產業重新洗牌，並引領了全球經濟發展趨勢，本公司承循創新板營造創新永續聚落經驗，由社會產業轉型及投資人需求角度，進階推展發掘潛力的新興產業，形塑及開發產業價值，以營造資本市場不僅以半導體產業著稱，而為全方位特色產業聚落。
- 二、規劃精進調整上市公司產業類別，依據投資人重視未來成長性的角度切入，打造產業新亮點。研擬新增數位雲端、綠能環保之新經濟類別，並因應國人重視健康及生活品質暨國內產業發展規模，新增運動休閒、居家生活類別，期望引導投資人重新認識企業供應鏈生態系與未來發展性，提升評價估值。

» I. Forging High-potential Industrial Clusters

1. The pandemic and seismic geopolitical shifts have completely upended global supply chains and economic development trends. In response, the TWSE has turned to the TIB's focus on innovative and sustainable industry clusters to meet the needs of investors as well as social and industrial transformation. The TWSE will continue to develop and support emerging industries with high potential, and by unlocking and nurturing their inherent value, the capital market will grow to accommodate other high-potential industrial clusters in addition to Taiwan's high-value semiconductor industry.
2. The TWSE will adjust and refine the industrial categories of listed companies so as to highlight new industries based on their growth potential to investors. The TWSE plans to add new categories such as Digital Transformation, Cloud Computing, and Green-energy technology. Other additions, including Sport and Leisure as well as Home and Lifestyle, are based on the growing focus on health, quality of life, and subsequent expansion of related domestic industries. The TWSE seeks to introduce investors to the investment opportunities, growth potential, and enhance valuations presented by these industry ecosystems.

» 貳、迎戰資本市場國際盃

2022 年因美國聯準會快速升息，吸引資金自新興市場回流美國，我國集中市場亦受影響，外資賣超達 1.23 兆元，今年新台幣匯率回穩，且適逢疫情解封，重啟實體招商引資，並重塑企業識別系統及優化官網使用者介面，以更積極主動作為及友善優化的服務，提升本公司國際能見度。

- 一、順應臺資企業供應鏈移動，運用其在海外上下游關係，拓展海外招商的觸角，並派駐上市服務團隊專案駐點越南深耕東協地區，加強宣導及諮詢服務，另規劃赴美及以色列等新創產業蓬勃地區發掘案源，此外亦整合中介機構、國銀海外分行、駐外代表處及臺商協會等海外資源，增進推動效益。
- 二、為建立與全球投資人更緊密的連結，辦理實體引資活動並赴海外金融中心拜會重要機構投資人，以建立完整的聯絡管道及強化投資人黏著度，推廣臺灣資本市場重要制度變革，聽取回饋意見，達全球引資目標。
- 三、強化交易所網絡關係，持續推動實務交流、商品業務合作及共同行銷，拓展跨市場交流合作，互惠互惠。
- 四、積極參與國際證券及監管組織如 WFE、AOSEF 及 IOSCO 會議及事務，掌握全球資本市場最新發展趨勢及監管議題，增進跨國證券市場機構互動、響應重要倡議並適時分享臺灣經驗。
- 五、重塑企業識別系統，以新樣貌傳遞交易所的價值觀。推動官網使用者介面（UI）及使用者經驗（UX）優化，並持續增進英文資訊的豐富性與友善度，讓證交所企業形象及網站進一步邁向國際化，吸引國際關注。

» II. Boosting Competitiveness among Global Capital Markets

In 2022, the aggressive hikes in interest rates by the United States Federal Reserve has caused a significant reversal in emerging market capital flow back into the U.S., with NTD1.23 trillion in foreign investment outflows from Taiwan's centralized market. With the New Taiwan Dollar stabilizing and borders reopening as epidemic prevention measures are relaxed, the TWSE has reinitiated in-person capital introduction events to raise the visibility of Taiwan's listed companies. By reorganizing industry classification and revamping the official website's user interface, the TWSE seeks to cater to user needs and provide friendly and optimized services.

1. In response to Taiwanese companies repositioning their supply chains, the TWSE is reaching out to overseas upstream and downstream operations to expand listing and business opportunities. In addition to setting up a dedicated team in Vietnam region to provide listing promotion and consulting services throughout the ASEAN



- region, the TWSE will visit startups in U.S., Israel, and other epicenters for innovation and coordinate overseas resources through intermediaries, overseas branches of domestic banks, representative offices, and Taiwanese Chambers of Commerce to achieve outsized effects in business development.
2. To establish closer ties with investors around the world, maintain clear channels of communication, and enhance investor loyalty, the TWSE will conduct in-person capital introduction events and visit major institutional investors in global financial hubs. The aim is to promote major reforms of Taiwan's capital market, gather feedback, and attract investment.
 3. The TWSE will expand cross-market exchanges and promote in-person experience-sharing, cooperation in product and service development, joint marketing, and other areas to achieve mutual benefits and shared prosperity.
 4. The TWSE will continue to proactively take part in the meetings and affairs of international securities-related and supervisory organizations, such as the WFE, AOSEF, IOSCO, and other global bodies, to stay up to date on the latest developments and topics in global capital markets. The TWSE is dedicated to furthering interactions with other stock exchanges to share Taiwan's experience and make our voices heard on major issues.
 5. The TWSE will reorganize industry classifications to reflect the values of the stock exchange. Furthermore, the TWSE will optimize the official website's user interface and user experience. By continuing to provide high-quality English content, the TWSE will make the website much more accessible for international users and boost our corporate image.

» 參、強化投資人教育宣導

持續於講座、研習營等實體宣導活動及網路競賽中，加入反金融詐騙主題，另在臉書粉絲專頁、投資人知識網及宅在家學習網等社群平台加強圖文宣傳，以多重曝光方式加深投資人印象。

» III. Enriching Investor Education

The TWSE will continue to raise awareness of financial fraud at physical promotional events such as seminars and workshops as well as internet campaigns. Promotional material will also be posted on the FB fan page, Investor Knowledge Network website, and digital learning platform "Diving into the Stock Market – Learning at Home" to highlight the message through multiple channels.

肆、持續推動去年重點業務 - 創新板、ESG 生態系、複委託、大數據平台及資安防護

- 一、今年將持續加強推動集團旗下及非集團新創企業，並適時接觸創投股東，爭取支持新創公司上市，配合海外引資活動，加強國際投資人對創新板認同。
- 二、持續協助企業進行碳盤查及揭露，並建置整合性 ESG 資訊平台，預計年底前完成研議 ESG 評鑑架構及指標、2025 年推動 ESG 評鑑，持續強化永續發展行動方案。
- 三、推動本公司永續轉型，研擬自身節能減碳措施，包括採購綠電及提升太陽能發電效能，並汰換辦公區、機房、庫房所有燈具為 LED 燈。
- 四、將持續與證券商及證券商公會協商強化複委託服務管理規劃內容，並俟主管機關公告證券商受託買賣外國有價證券得辦理外幣融資相關法規後，辦理開放業務。
- 五、建置大數據平台，就發行面、交易面及證券商管理面等面向，研發及活用現有指標資料，提供市場及業務多維度分析，打造將數據分析融入日常業務的企業文化。
- 六、配合「金融資安行動方案 2.0」政策，推動各項精進措施（新增 12 項、擴大 5 項、持續 23 項），並推動 SF-CERT 的 4 項強化措施，如監控網站異常業者、舉辦資安論壇、複測演練不合格業者及精進資安應變處理相關指引。
- 七、推動上市公司資安防護升級，持續鼓勵第二級上市公司加入 TWCERT / CC。
- 八、持續輔導證券商落實辦理資安分級防護基準。



本公司與證券櫃檯買賣中心共同合辦「上市櫃公司永續發展行動方案宣導會」
The TWSE and TPEX jointly host briefing on “Sustainable Development Action Plans for TWSE and TPEX Listed Companies.”



» IV. Continue Promoting Major Business of 2022 – TIB, ESG Ecosystem, Sub-brokerage, Big Data Platform, and Information Security

1. The TWSE will continue supporting the development of startups, both affiliated and unaffiliated with business groups, reaching out to startup shareholders to encourage listings, and conducting overseas capital introduction events to build TIB recognition among international investors.
2. The TWSE will establish an ESG information platform and continue to assist companies in conducting carbon footprint verification and disclosing relevant information. It is estimated that the ESG evaluation framework and indicators will be established by the end of the year and fully launched in 2025, so as to boost Taiwan's momentum towards sustainable development.
3. To promote sustainability within the TWSE, a number of energy-saving and carbon reduction measures have been adopted in the workplace, including green energy procurement and improvements in solar power generation efficiency. In addition, the TWSE has replaced all lighting in the offices, data centers, and storage facilities with LED lighting.
4. The TWSE will continue working with securities firms and the Taiwan Securities Association to strengthen sub-brokerage services and management. Furthermore, the TWSE will move forward once the FSC announces relevant regulations regarding securities firms accepting orders to trade foreign securities and extend foreign currency financing.
5. The TWSE will set up a big data platform, covering listing, trading, as well as management of securities firms, so as to provide useful data for market and business analysis, push business digital transformation, and incorporate data analysis into its regular operation.
6. The TWSE will promote advanced measures related to the Financial Cyber Security Action Plan 2.0 (12 newly added measures, five extended measures, and 23 continuing measures) as well as four enhanced SF-CERT initiatives, including the monitoring of website anomalies, conducting cyber security forums, counseling for those who fail retests and drills, and relevant guidance for handling cyber security incidents.
7. The TWSE will promote the upgrade of information security for listed companies and continue to encourage second-level listed companies to join TWCERT/CC.
8. The TWSE will continue to help securities companies implement mandatory work specified in the "Regulations on Classification of Cyber Security Responsibility Levels."

》 伍、精進其他重要業務

一、交易業務

- (一) 辦理股票造市制度獎勵活動及精進措施。
- (二) 規劃建置整合性資訊平台－「e 添富」，彙整投資人需要的各項統計資訊，運用視覺化分析創造投資相關加值資訊，並藉由平台增進互動，以傳達正確投資知識。
- (三) 與公會推動資本市場藍圖相關精進措施：研擬盤中零股交易之精進措施、研議一定範圍市價單之可行性及併同開盤即漲／跌停個股之市價委託與開盤前漲跌停限價委託之成交優先順序等案。
- (四) 提升盤前資訊品質暨管理及強化結算交割制度與國際接軌。
- (五) 推動受益權得作為不限用途款項借貸擔保品。
- (六) 研議將可轉換公司債與公司債納入借券擔保品之抵繳範圍。
- (七) 研議證券商辦理不限用途款項借貸業務，以上櫃有擔保可轉（交）換公司債作為擔保品時，得以面額之百分之六十計算融通價值。

二、證券商管理

- (一) 持續推動「證券期貨業永續發展轉型執行策略」，優化證券商 ESG 申報機制。
- (二) 研議提升證券商實體營業據點提供數位服務程度及研議開放安全、有效及更便捷數位身分認證方式之可行性。
- (三) 研議放寬對帳單、詢證信函得採多元電子帳務文件服務及推動證券期貨業公開資料查詢。
- (四) 研議證券商對投資人當沖違約交割之違約金計收標準及研議證券自營商得投資非公開發行（股）公司股票。

三、開發多元新商品，推動 ETN、ETF、權證商品或其他新商品上市交易；並辦理、贊助及參與 ETF、ETN 及指數化投資論壇，進行推廣及教育宣導活動，以擴大市場參與。

四、交易系統撮合主機升級換新及架構調整，汰舊換新非交易網路核心交換器相關設備，提升關鍵基礎設施非交易網路的連線效能、穩定性及安全性。

五、持續精進法務服務及優化法規分享知識庫、提升議事與文書作業效能、推動個人資料保護管理相關業務及辦理教育訓練，並協助就個資疑義個案提供法律協助。

六、持續推動興建證券金融大樓案，辦理興建基地評估作業及建物規劃相關事宜。



» V. Other Major Businesses

1. Trading Business

- 1) The TWSE will hold market-making incentive activities and enhance related measures.
- 2) The TWSE plans to install an integrated platform, aggregating various information and statistics from multiple websites and adding value with visualized analysis and interactivity, to transmit accurate investment information and knowledge.
- 3) Promote advanced “Capital Market Roadmap” measures with the Taiwan Securities Association: Study enhanced measures for intraday odd lot trading, feasibility of Market With Protection (MWP) orders, and order execution priority for both market orders of stocks under opening price limits and pre-market limit up-limit down limit orders.
- 4) Improve the quality of pre-opening information disclosure, and bring the clearing and settlement system in line with global standards.
- 5) Promote the acceptance of beneficiary rights as collateral for non-restricted purpose loans.
- 6) The TWSE will evaluate expanding the scope of collateral to include convertible bonds and corporate bonds.
- 7) The TWSE will assess the feasibility of permitting securities firms to extend non-restricted purpose loans; where a convertible bond of a TPEX listed company is used as collateral, the collateral financing calculation shall be 60% of the face value.

2. Broker Management

- 1) The TWSE will continue to encourage the sustainability transformation of securities and futures firms, as well as optimize ESG reporting mechanisms for securities firms.
- 2) The TWSE will consider the feasibility of allowing securities firms to provide additional digitized services at physical service locations, as well as more efficient and convenient digital identity verification methods.
- 3) The TWSE will deliberate allowing electronic documentation services for account statements and notification letters, as well as encouraging securities and futures firms to enable open data inquiries.
- 4) The TWSE will study the setting of standards of default settlements for investors by securities firms, as well as allowing securities dealers to invest in securities of non-publicly issued companies.

3. The TWSE will develop diversified new products, promote the listing and trading of ETNs, ETFs, new warrant products, and other new products. In addition, the TWSE will host, sponsor, and participate in forums related to ETF, ETN, and indexed investment, conduct promotional and educational activities, and expand market participation.
4. The TWSE will adjust and upgrade the servers and framework for the trading matching system, replace the core switch and related equipment for its non-trading network, and enhance the connectivity, stability, and security of its key infrastructure of its non-trading network system.
5. The TWSE will continue to refine legal services and optimize the sharing of knowledge regarding laws and regulations, enhance the efficiency of the discussion of official business and paperwork processing, promote the management and education of business related to personal information protection, and assist law enforcement in suspected cases relating to personal information privacy.
6. The TWSE will continue to promote the project to build the securities and finance building, conduct site assessment, planning, and related matters.

財務概況

2022 年個體損益情形：營業收入 10,883,944 仟元，營業利益 5,796,780 仟元，稅後淨利 7,006,959 仟元，預算達成率 143%。

2022 年合併損益情形：營業收入 18,517,104 仟元，營業利益 11,106,858 仟元，稅後淨利 9,207,363 仟元。

Financial Overview

Profit and loss for separate entities in 2022: Operating revenue NTD10.88 billion, operating profit NTD5.80 billion, net income NTD7.01 billion, a budget achieving rate of 143%.

Consolidated profit and loss in 2022: Operating revenue NTD18.52 billion, operating profit NTD11.11 billion, net income NTD9.21 billion.