

## 2024 年展望及工作目標

展望 2024 年，本公司將推動數位 x 永續的雙軸轉型，並以下列五大策略持續推展業務，厚實臺灣資本市場的國際競爭力，規劃如下：

### 壹 壯大資本市場 提升市場價值

#### 一、壯大上市公司規模

- (一) 鼓勵上市公司檢視自身股價淨值比 (P/B)，引導其強化公司治理與永續資訊揭露，完善投資人關係與議合，提升企業價值。
- (二) 鼓勵市值大於 100 億元公司增加法說會頻率，並結合產業供應鏈辦理座談會，發揮以大帶小之綜效，增加產業中小企業能見度。
- (三) 增加與國際證券商和保管銀行的合作，舉辦國際投資論壇引入海外資金，提升臺灣資本市場的國際能見度。



本公司前進泰國招商交流，戮力壯大臺灣資本市場

The TWSE visited Thailand to promote foreign listings and boost Taiwan's capital market.

#### 二、扶植新經濟產業聚落

- (一) 以現有 AI、半導體等關鍵產業為基礎，聚焦數位、綠能、生技三大新經濟產業發展，攜手公部門與產業單位，引領資金到未來的新創產業，藉由增進曝光以及資金的引導，平衡資本市場的發展。
- (二) 持續規劃辦理或參與大型新創主題式業績發表會、產官學論壇活動及國際交流活動等，透過多元宣傳管道，增進創新板之發展與市場能見度。
- (三) 持續拜訪公開發行公司，並辦理上市宣導說明會，積極尋找優質企業加入資本市場，推動新經濟及特色產業申請上市，引導資本市場新聚落形成，並配合實務運作，研議或調整相關上市規章。

## 2024 Outlook and Objectives

Looking to 2024, the TWSE will focus on five main strategies, centered on a twin transformation towards digitalization and sustainability, to strengthen the global competitiveness of Taiwan's capital market.

### I Market Expansion for Enhanced Market Value

#### 1. Elevate Market Capitalization

- (1) Companies are encouraged to critically assess their Price-to-Book Ratio (P/B) and strengthen corporate governance measures as well as sustainable information disclosure. Emphasis is on incorporating stakeholder engagement to boost corporate value.
- (2) The TWSE advocates for companies with a market capitalization exceeding NT\$10 billion to increase the frequency of institutional investor conferences. Seminars for industry supply chains will be organized to capitalize on the synergies between larger corporations and small and medium-sized enterprises (SMEs) to heighten SMEs' visibility.
- (3) The TWSE will fortify cooperation with international securities firms and custodian banks to conduct joint capital attraction events, host international investment forums to attract foreign capital, and enhance the visibility of Taiwan's capital market.

#### 2. Nurture Industrial Clusters in the New Economy

- (1) Building on the performance of existing key industries like AI and semiconductors, the TWSE will shine a spotlight on the development of three emerging industries: digital, green energy, and biotechnology. In collaboration with public sectors and industry entities, the TWSE hopes to drive funding for startups, enhance interest, and inject capital for the balanced growth of the capital market.
- (2) The TWSE will continue to host and participate in large-scale conventions, academic and industry forums, and international activities to showcase the achievements of Taiwan's startups. Through diverse channels of engagement and promotion, the TWSE seeks to drive the growth and visibility of TIB.
- (3) To foster an environment that encourages startups, the TWSE will continue to visit public firms, hold listing promotion events, and encourage domestic and foreign companies of outstanding quality to list. The aim is to nurture the formation of new industry clusters, and the TWSE will support their business operations by assessing and adjusting relevant listing regulations.

### 三、深耕東協，加強市場服務

順應供應鏈移轉及市場布局，延伸資本市場觸角，成立「新南向專案工作小組」，依重點區域（越、泰、星、馬、印尼及印度、新興亞洲等地）持續蒐集當地商情資訊及各證券市場動態，持續關注新興市場發展，掌握台商海外供應鏈移轉效應，並機動前往海外臺商聚落，適時提供上市諮詢服務，爭取具成長潛力之新南向企業回臺上市。

### 四、打造 TWSE 國際品牌

- (一) 2024 年第一季將與主管機關再次聯袂開拓歐系資金，拜會交易所、重要機構投資者及相關金融機構。第二季將與新加坡交易所合作，辦理臺星資本市場共同行銷引資活動。另全年度亦規劃與證券商合作於國內舉辦外資機構之大型投資論壇。本公司將持續精進 IR 服務，深化 TWSE 品牌價值。
- (二) 積極參與國際性證券相關組織會議及事務，響應重要倡議並適時表達意見；以互惠互利原則強化交易所網絡關係，持續探詢商品業務或指數合作及共同行銷，拓展跨市場交流合作。

### 五、活絡臺股量能

- (一) 持續塑造友善投資環境，並提升 IPO 籌資效率，研議縮短 IPO 定價至掛牌時程，並全面檢視承銷配售作業流程，以自動化提升效率。
- (二) 建置 IPO 資訊揭露專區，將分散於不同網站之初次上市（櫃）承銷配售資訊及發行公司申請上市（櫃）進度予以整合，提供一站式之便利查詢管道。
- (三) 組成 T+1 交割週期專案小組，強化交割借券機制、優化結算交割系統、增加對證券商款券撥付作業彈性，打造有利市場作業環境。



### 3. Deepen Ties with the ASEAN Region and Enhance Market Services

In response to shifting supply chains and market alignments, the TWSE is extending our capital market outreach through the establishment of the “New Southbound Project Taskforce,” which will monitor business developments and securities markets in key regions such as Vietnam, Thailand, Singapore, Malaysia, Indonesia, India, and other New Southbound Policy countries. By staying on top of the latest trends in emerging markets, observing supply chain sourcing by Taiwanese-owned businesses, visiting Taiwanese operations in the ASEAN markets, and providing timely consultation services for listing, the TWSE aims to become a full-service market to court IPO candidates with high growth potential to list in Taiwan.

### 4. Enhance the TWSE’s Global Brand

- (1) In Q1 2024, the FSC and TWSE will visit stock exchanges, institutional investors, and financial institutions in Europe to expand funding. In Q2, the TWSE will jointly hold a roadshow with the Singapore Exchange to attract investment for the capital markets of both countries. Throughout the coming year, the TWSE will collaborate with securities firms to host large-scale investment forums for foreign institutional investors. The company will continue to enhance IR services and deepen the TWSE brand value.
- (2) In international affairs, the TWSE will actively take part in the meetings and affairs of international securities associations, presenting development experience and insight from the Taiwanese market, and consolidating relationships with other stock exchanges via networking, business cooperation in product and index development, joint marketing, and other areas to achieve mutual benefits and shared prosperity.

### 5. Energize Market Performance

- (1) To continue to foster a friendly investment environment and boost fundraising through IPOs, the TWSE will study measures to shorten the process from IPO pricing to listing, comprehensively review the underwriting and allotment operations, and leverage automation to improve efficiency.
- (2) With regard to IPO information, including underwriting, allotment, and tracking the current phase of IPO filing process, the TWSE will compile information spread out across multiple websites into one dedicated and convenient IPO information disclosure webpage.
- (3) To create a favorable market environment, the TWSE will form a taskforce to evaluate the T+1 trading settlement system. Furthermore, the company will strengthen the securities lending mechanism, optimize clearing and settlement, and enhance payment options of securities firms.

## 貳 鏈結利害關係人 落實永續再造

### 一、推動 ESG 資訊數位化

- (一) 持續優化 ESG InfoHub，提供更加完整的 ESG 資訊，完成建置永續報告書數位平台等永續基礎工程。規劃建立 ESG 資料庫，結合指數公司開發 ESG 商品，以引導機構法人實踐責任投資。結合臺灣碳權交易所，建立完善的碳權交易平台。同時協助企業加強與利害關係人之議合，致力實現資本市場邁向淨零，永續共榮之長期目標。
- (二) 監理科技運用方面，將以 AI 輔助永續報告書審閱及監理 ESG 申報資訊，強化監理效能。

### 二、厚實人才、接軌國際

- (一) 結合學校、NGO 及平台業者，舉辦線上線下培訓課程，推廣淨零永續知識；並與國際查證機構合作辦理認證課程，培育碳治理人才。
- (二) 持續推動永續發展行動方案，輔導上市公司深化公司治理、持續推動溫室氣體盤查作業、推動我國接軌 IFRS 永續揭露準則及統合辦理公司治理相關事務與推廣活動。並視國際永續發展趨勢及國內實務運作情形檢討修正，以協助上市櫃公司邁向永續發展，提升國際競爭力。
- (三) 持續規劃以現行「公司治理評鑑」架構為基礎，逐步增加環境、社會構面指標，循序漸進推動「ESG 評鑑」。



## II Connecting Stakeholders for Sustainable Transformation

### 1. Promote the Digitalization of ESG Information

- (1) The TWSE will continuously optimize the ESG InfoHub. We aim to provide more comprehensive ESG information and complete the establishment of a digital platform for sustainable reporting and other foundational sustainability projects. We plan to construct an ESG database, which also presents ESG products developed by Taiwan Index Plus. This will facilitate institutional investors in fulfilling responsible investment. We work with the Taiwan Carbon Solution Exchange, and will establish a comprehensive carbon trading platform. Simultaneously, efforts will be made to assist companies in strengthening engagement with stakeholders. The ultimate aim is to contribute to the capital market's long-term goal of transitioning towards net-zero emissions and sustainable prosperity.
- (2) In terms of technological application in supervision, AI will assist in the review and supervision of sustainability and ESG reporting, thereby enhancing regulatory efficiency.

### 2. Cultivate Sustainability Talent to Embrace Global Mindset

- (1) Online and in-person training courses to promote net-zero sustainability will be held in collaboration with schools, NGOs, and platform operators. To further cultivate professional training in carbon governance, the TWSE works with international verification organizations to offer certification courses.
- (2) The TWSE will continue to promote the "Sustainable Development Action Plan," counsel listed companies to deepen corporate governance, promote GHG inventory reporting, promote the alignment of Taiwan's practices with the IFRS Sustainability Disclosure Standards, and establish standard practices and principles for corporate governance. Reviews and revisions of these measures will be conducted in response to international sustainable development trends and domestic practices so as to assist listed companies to stride towards sustainability and enhanced global competitiveness.
- (3) Using the current Corporate Governance Evaluation framework as the basis, the TWSE will increase the weighting of ESG performance, with the goal of gradually transforming and renaming the evaluation into the "ESG Evaluation."

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## 落實普惠金融 增強投資人保護

### 一、強化盤中零股機制

持續優化盤中零股交易制度，縮短盤中零股撮合間隔時間，提升小額投資人盤中零股交易的便利性，並檢討零股交割價金計算機制。

### 二、積極推出多元新商品

(一) 開發多元新商品，持續研議主動型及多重資產型 ETF 可行性及配套措施，配合修改相關規章及系統。

(二) 待基金架構 REIT 開放後，對業者及投資人進行多面向推廣，並適時推動指數編製，以期引進長期資金，俾利 REIT 市場的成長。

### 三、運用監理科技，執行差異化管理

持續運用新興科技，如 RPA 流程機器人自動化、大數據分析及視覺化儀表板等工具，針對上市、券商監理及市場監視等面向，推動智能化、視覺化以及自動化的分析，強化示警功能，並以風險為導向，進行選案及差異化管理，以增進市場監理的精準度。

### 四、創新行銷，加強教育及反詐騙宣導

開創新型態宣傳管道，藉由線上學習平台及多元媒體傳播擴大觸及群眾；持續編製各類投資教育宣導教材，建立投資人正確理財觀念及認識投資風險。



## III Inclusive Finance and Augmented Investor Protection

### 1. Strengthen Intraday Odd Lot Trading

To optimize intraday odd lot trading, the TWSE will shorten the matching interval for intraday odd lot trades and review the calculation method of odd lot share settlement price to broaden public participation and accessibility.

### 2. Introduce Diverse Range of New Products

- (1) This includes studying the feasibility and related measures for active and multi-asset ETFs, as well as making adjustments to relevant regulations and the trading system.
- (2) Following the rollout of REITs with fund structures, the TWSE will ramp up product education and promotion for industry members and investors through diverse channels. Indices will be compiled and offered on an appropriate time to inject long-term capital for the growth of the REITs market.

### 3. Implement Differentiated Management through Surveillance Technology

To seize opportunities in emerging technologies, the TWSE will progressively integrate technologies such as robotic process automation (RPA), big data analytics, and data visualization dashboards to enhance the efficiency of managing listed companies, securities firms, and market surveillance. Intelligent, visual, and automated analyses will strengthen the early warning system, improve case selection based on risk assessment, and facilitate precise and differentiated management in market supervision.

### 4. Innovative Marketing, Education, and Anti-fraud Advocacy

The TWSE will develop innovative communication channels for financial education, including online learning platforms and the production of investment education materials. These efforts aim to promote accurate knowledge of wealth management and investment risk.

## 肆 強化維運韌性 降低市場風險

### 一、落實資安治理

推動新版 ISO27001:2022 資訊安全管理系統轉版驗證，加強威脅情資搜集分析、雲端服務資安、資通訊服務營運持續整備、實體安全監控、組態管理、資訊遮罩與防洩、網頁過濾等，強化本公司整體資訊安全成熟度。

### 二、強化防護，精進實體韌性

強化電子式攻擊防禦布局，建立外部關鍵資源失效時之雙備援、雙保險機制，提升實體設施之安全防護，以強化關鍵基礎設施安全。

### 三、提升系統效能及穩定性

- (一) 汰換虛擬主機平台軟體授權，以確保虛擬化平台系統穩定及安全，並配合大數據架構調整及 ESG 與複委託業務擴充伺服器設備。
- (二) 更新交易系統撮合主機及網路交換器設備，提升整體系統穩定及傳輸速率，並更新四合一網路系統。

### 四、降低市場風險

- (一) 在上市公司方面，強化上市上櫃公司資安情資共享，提升通報應變能量，持續鼓勵上市公司加入 TWCERT/CC。在證券商方面，將引進資安總體檢，進行弱點掃描，同時因應新興議題，完備資安規範，持續提升證券商資安防禦及異地備援能量。
- (二) 持續與業者及券商公會溝通協調複委託資訊申報內容及外幣融資配套措施，並配合外幣融資相關法規公告，建置「複委託聯合徵信平台」及「複委託風險監理資訊平台」，協助主管機關監理證券商辦理複委託業務及證券商授信業務控管。
- (三) 研議評估參照銀行公會「金融機構辦理電子銀行業務安全控管作業基準」暨金管會「金融服務業辦理數位身分驗證指引」，訂定「證券商辦理電子業務安全控管作業基準」。

## **IV Strengthening Operational Resilience to Mitigate Market Risks**

### **1. Deepen Information Security Governance**

As the TWSE undergoes the transition to ISO27001:2022 and re-certification, we will continue to augment our overall information security maturity through measures such as enhanced threat intelligence gathering and analysis, cloud service security, continuity readiness of information and communication services, physical security monitoring, configuration management, data masking and leakage prevention, plus web filtering.

### **2. Improve Physical Resilience**

To strengthen the physical resilience of critical infrastructure, the TWSE will deploy improved cybersecurity defense mechanisms and establish a double backup and recovery system in case of key external resource failure.

### **3. Enhance System Efficiency and Stability**

- (1) The TWSE will update software authorizations for the virtual hosting platform to ensure its stability and security, while expanding capabilities for big data architecture and ESG as well as sub-brokerage operations.
- (2) The TWSE will upgrade the servers and network equipment for the trading matching system, improve the stability and connectivity of the overall system, and update the four-in-one network for securities and futures trading.

### **4. Mitigate Market Risk**

- (1) Listed companies are urged to share information about cyber security incidents, enhance notification and response capabilities, and participate in the Taiwan Computer Emergency Response Team/Coordination Center (TWCERT/CC). A comprehensive cyber security assessment will be conducted for securities firms, including vulnerability scanning. In response to emerging issues, the TWSE will update information security regulations and guide securities firms to boost cyber defense and remote backup capabilities.
- (2) The TWSE will continue to communicate and coordinate with industry members and the Taiwan Securities Association on measures related to sub-brokerage information reporting and foreign currency financing. To assist the FSC in monitoring securities firms engaged in sub-brokerage operations and credit extension, the TWSE will establish a sub-brokerage credit information and risk management platform in line with foreign currency financing regulations.
- (3) In accordance with the Bankers Association of the ROC's "Regulations Governing the Security Management of Electronic Banking by Financial Institutions" and the FSC's "Guidelines for Digital Identity Authentication in Financial Services," the TWSE will study and establish regulations stipulating the security management of securities firms engaged in electronic operations.

## 伍 雙軸轉型厚植本公司實力 打造永續、高效能服務

### 一、推動數位轉型，拓展資訊加值服務

- (一) 從 B2B 及 B2C 兩個層面著手推動數位轉型。B2B 部分，將檢視資本市場發行、交易、監視等面向，從各個利害關係人的所有作業流程，找出關鍵節點，運用數位金融科技進行優化，為市場創造價值；B2C 部分，將敏捷因應市場變化，重視客戶需求，提供更多數據加值服務及商品開發之完整解決方案。
- (二) 因應大數據未來於更多領域廣泛運用，建立資料倉儲，同時，運用最新技術蒐集用戶體驗回饋，擴大 UI/UX 範圍，以優化公開資訊觀測站 MOPS 及基本市況報導網站 MIS 等網站。

### 二、推動永續轉型，打造綠能證券交易所

作為市場永續表率，2024 年將持續推動各項節能減碳作為，101 辦公處所延續全面使用綠電，及達成第一資訊中心綠電使用率逾 5 成，並響應 SDGs 永續發展目標，推廣「四季共融，八方永續」系列活動，培養同仁永續意識與習慣，形塑公司永續文化，為地球的永續發展貢獻心力，同時規劃就 2023 年類別一及類別二之碳排放量達成年度碳中和，打造綠色永續證券交易所。



本公司響應 SDGs 永續發展目標，推廣「四季共融，八方永續」系列活動 - 「傳遞知識，捐贈書籍」  
The TWSE supports SDGs through a series of activities titled "Co-prosperity in all four seasons, sustainability in all directions." One of the activities calls for donation of books to share and spread knowledge.



## **Twin Transformation for Fortifying TWSE's Capabilities and Delivering Sustainable, Efficient Services**

### **1. Promote Digital Transformation and Expand Value-added Information Services**

- (1) The digital transformation will be approached from both the B2B and B2C perspectives. On the B2B front, a thorough examination of operational processes involving various stakeholders in the capital market, including issuance, trading, and market surveillance will be conducted. Identifying key nodes, the TWSE will leverage financial technology to optimize processes and create value for the market. On the B2C side, a customer-centric approach will be taken to provide comprehensive solutions and value-added services based on customer needs.
- (2) In response to the widespread use of big data in more fields in the future, the TWSE will establish a data warehouse, use the latest technology to collect user experience feedback, and improve the design of UI/UX. This will help optimize websites such as the Market Observation Post System (MOPS) and the Market Information System (MIS).

### **2. Promote Sustainable Transformation for a Green Exchange**

As a leader in sustainability, the TWSE will continue to roll out various energy saving and carbon reduction measures in 2024. All offices in the Taipei 101 building have converted to green energy, and the green energy usage rate of the First Information Center aims to exceed 50%. The TWSE also embraces the SDGs by promoting a series of activities, titled "Co-prosperity in all four seasons, sustainability in all directions," which aims to cultivate such awareness and practices within the company, creating a corporate culture of sustainability and doing our part for the earth. To establish ourselves as a green and sustainable stock exchange, our goal is to achieve carbon neutrality in Categories 1 and 2 greenhouse gas emission based on reporting in 2023.