

# TRADEWEB INVESTOR PRESENTATION

FEBRUARY 2024

### **Disclaimers**



The information in this presentation is current only as of its date and may have changed. We undertake no obligation to update this information in light of new information, future events or otherwise.

#### **Basis of Presentation**

Tradeweb Markets Inc. (unless the context otherwise requires, together with its subsidiaries, referred to as "we," "our," "Tradeweb Markets" or the "Company") closed its IPO on April 8, 2019. As a result of certain reorganization transactions (the "Reorganization Transactions") completed in connection with the IPO, on April 4, 2019, Tradeweb Markets Inc. became a holding company whose only material assets consist of its equity interest in Tradeweb Markets LLC ("TWM LLC") and related deferred tax assets. As the sole manager of TWM LLC, Tradeweb Markets Inc. operates and controls all of the business and affairs of TWM LLC and, through TWM LLC, and its subsidiaries, conducts its business. As a result of this control, and because Tradeweb Markets Inc. has a substantial financial interest in TWM LLC, Tradeweb Markets Inc. consolidates the financial results of TWMTLC and its subsidiaries.

The historical financial information and other disclosures contained in this presentation relating to periods prior to and including March 31, 2019, which we refer to as the "pre-IPO period," pertain to TWM LLC, the predecessor of Tradeweb Markets Inc. for financial reporting purposes. The historical financial information contained in this presentation relating to periods beginning on April 1, 2019, and through and including December 31, 2023, which we refer to as the "post-IPO period," pertain to Tradeweb Markets Inc. The pre-IPO period excludes, and the post-IPO period includes, our financial results from April 1, 2019 through April 3, 2019, which are not material.

On October 1, 2018, Refinitiv Holdinas Ltd. ("Refinitiv"), which was controlled by certain investment funds affiliated with The Blackstone Group L.P., an affiliate of Canada Pension Plan Investment Board, an affiliate of GIC Special Investments Pte. Ltd. and certain co-investors, indirectly acquired substantially all of the financial and risk business of Thomson Reuters Corporation and Thomson Reuters Corporation indirectly acquired a non-controlling ownership interest in Refinitiv (collectively, the "Refinitiv Transaction"). As a result of the Refinitiv Transaction, as a consolidating subsidiary of Refinitiv, we accounted for the Refinitiv Transaction using pushdown accounting. Due to the change in the basis of accounting resulting from the application of pushdown accounting, the financial information for the period beginning on October 1, 2018, and through and including December 31, 2023, or the "successor" period, and the financial information for the periods prior to, and including, September 30, 2018, or the "predecessor" period, are not comparable. However, the change in basis resulting from the Refinitiv Transaction did not materially impact certain financial information. Accordingly, we present certain financial information for the year ended December 31, 2018 on a combined basis as the change in basis resulting from the Refinitiv Transaction did not materially impact such financial information and we believe it provides a meaningful method of comparison to other periods. The combined financial information is being presented for informational purposes only and (i) has not been prepared on a pro forma basis as if the Refinitiv Transaction occurred on the first day of the period, (ii) may not reflect the actual results we would have achieved absent the Refinitiv Transaction, (iii) may not be predictive of future results of operations and (iv) should not be viewed as a substitute for the financial results of the separate periods presented in accordance with GAAP.

We believe that gross revenue is the key driver of our operating performance and therefore is the revenue measure we utilize to assess our business on a period by period basis. Subsequent to September 30, 2018, there is no difference between references to "gross revenue" and "total revenue," "net revenue" or "revenue". Numerical figures included in this presentation have been subject to rounding adjustments and as a result totals may not be the arithmetic aggregation of the amounts that precede them and figures expressed as percentages may not total 100%. Please refer to the Company's previously filed Quarterly Reports on Form 10-Q and Annual Report on Form 10-K for capitalized terms not otherwise defined herein.

#### Unaudited Interim and Annual Results

The interim and annual financial results presented herein for the guarters and years ended December 31, 2023 and 2022 are unaudited. Operating results for interim periods are not necessarily indicative of the results that may be expected for the full year.

#### Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the federal securities laws. Statements related to, among other things, our guidance, including full-year 2024 guidance and full-year 2024 and 2025 revenue guidance related to the LSEG market data license agreement, future performance, the industry and markets in which we operate, our expectations, beliefs, plans, strategies, objectives, prospects and assumptions and future events are forward-looking statements.

We have based these forward-looking statements on our current expectations, assumptions, estimates and projections. While we believe these expectations, assumptions, estimates and projections are reasonable, such forward-looking statements are only predictions and involve known and unknown risks and uncertainties, many of which are beyond our control. These and other important factors, including those discussed under the heading "Risk Factors" in the documents of Tradeweb Markets Inc. on file with or furnished to the SEC, may cause our actual results, performance or achievements to differ materially from those expressed or implied by these forward-looking statements. Given these risks and uncertainties, you are cautioned not to place undue reliance on such forward-looking statements. The forward-looking statements contained in this presentation are not guarantees of future events or performance and future events, our actual results of operations, financial condition or liquidity, and the development of the industry and markets in which we operate, may differ materially from the forward-looking statements contained in this presentation. In addition, even if future events, our results of operations, financial condition or liquidity, and events in the industry and markets in which we operate, are consistent with the forward-looking statements contained in this presentation, they may not be predictive of events, results or developments in future periods.

Any forward-looking statement that we make in this presentation speaks only as of the date of such statement. Except as required by law, we do not undertake any obligation to update or revise, or to publicly announce any update or revision to, any of the forward-looking statements. whether as a result of new information, future events or otherwise, after the date of this presentation.

#### **Non-GAAP Financial Measures**

This presentation contains "non-GAAP financial measures," including Adjusted EBITDA, Adjusted EBITDA margin, Adjusted EBIT margin, Adjusted EBT, Adjusted Net Income, Adjusted Net Income per diluted share ("Adjusted Diluted EPS"), Adjusted Expenses, Free Cash Flow and constant currency change, which are supplemental financial measures that are not calculated and presented in accordance with GAAP. We make use of non-GAAP financial measures in evaluating our past results and future prospects. We present these non-GAAP financial measures because we believe they assist investors and analysts in comparing our operating performance across reporting periods on a consistent basis by excluding items that we do not believe are indicative of our core operating performance.

We present certain changes on a "constant currency" basis. Since our consolidated financial statements are presented in U.S. dollars, we must translate non-U.S. dollar revenues and expenses into U.S. dollars. Constant currency change, which is a non-GAAP financial measure, is defined as change excluding the effects of foreign currency fluctuations. Constant currency information is calculated by translating the current period and prior period's results using the annual average exchange rates for the prior period. We use constant currency change as a supplemental metric to evaluate our underlying performance between periods by removing the impact of foreign currency fluctuations. We present certain constant currency change information because we believe it provides investors and analysts a useful comparison of our results and trends between periods. This information should be considered in addition to, not as a substitute for, results reported in accordance with GAAP.

See "Appendix" for reconciliations of the non-GAAP financial measures contained in this presentation to their most comparable GAAP financial measures. Non-GAAP financial measures have limitations as analytical tools, and you should not consider these non-GAAP financial measures in isolation or as alternatives to net income attributable to Tradeweb Markets Inc., net income, net income margin, earnings per share, operating income, operating expenses, cash flow from operating activities or any other financial measure prepared or derived in accordance with GAAP. You are encouraged to evaluate each adjustment included in the reconciliations. In addition, in evaluating Adjusted EBITDA, Adjusted EBITDA margin, Adjusted EBIT, Adjusted EBI Flow, you should be aware that in the future, we may incur expenses similar to the adjustments in the presentations of these non-GAAP financial measures. Our presentation of non-GAAP financial measures should not be construed as an inference that our future results will be unaffected by unusual or non-recurring items. In addition, the non-GAAP financial measures contained in this presentation may not be comparable to similarly titled measures used by other companies in our industry or across different industries.

#### Market and Industry Data

This presentation includes estimates regarding market and industry data that we prepared based on our management's knowledge and experience in the markets in which we operate, together with information obtained from various sources, including publicly available information, industry reports and publications, surveys, our clients, trade and business organizations and other contacts in the markets in which we operate. In presenting this information, we have made certain assumptions that we believe to be reasonable based on such data and other similar sources and on our knowledge of, and our experience to date in, the markets in which we operate. While such information is believed to be reliable for the purposes used herein, no representations are made as to the accuracy or completeness thereof and we take no responsibility for such information.

#### Tradeweb Social Media

Investors and others should note that Tradeweb announces material financial and operational information using its investor relations website, press releases, SEC filings and public conference calls and webcasts. Information about Tradeweb, its business and its results of operations may also be announced by posts on the Company's accounts on the following social media channels: Instagram, LinkedIn and X (formerly Twitter). The information that we post through these social media channels may be deemed material. As a result, we encourage investors, the media, and others interested in Tradeweb to monitor these social media channels in addition to following our investor relations website, press releases, SEC filings and public conference calls and webcasts. These social media channels may be updated from time to time on our investor relations website. 2

# Glossary



### PROTOCOLS

Term	Acronym	Definition
Blast all-to-all	A2A	The blast all-to-all protocol allows clients to send RFQ trade inquiries to all market participants in a given market and receive responses for executions.
Central Limit Order Book	CLOB	A Central limit order book is a continuous electronic protocol that allows clients to trade on firm bids and offers from other market participants, as well as enter their own resting bids and offers for display to the market participants, typically anonymously.
Click-to-trade	CTT	The click-to-trade protocol enables a liquidity-taking client to view a set of prices in real-time and click on the price and the dealer with whom they wish to execute.
Compression		The interest rate swap compression tool is an efficient means to reduce the number of line items outstanding at a clearinghouse by netting offsetting positions in a single transaction.
Directed Streams		The directed streams protocol, used by wholesale clients in the On-The-Run U.S. treasury marketplace, provides an efficient alternative to traditional voice and order book trading.
List Trading		Used by clients with multiple transactions to complete, the list trading protocol is a highly efficient workflow tool. By executing many trades at once, clients can request prices from multiple dealers to extract the best price and complete the hedging of the trades at one time, saving significant manual effort compared to executing on the phone.
Net Spotting		The Net Spotting solution allows Credit clients to efficiently hedge interest rate risk through Tradeweb's U.S. treasury marketplace.
Portfolio Trading		The portfolio trading protocol allows clients to put together a basket of bonds to trade as a single package deal.
Rematch		The rematch protocol allows dealers to send accepted, but unmatched orders from a Sweep session to the all-to-all network as an anonymous RFQ.
Request-for- market	RFM	The request-for-market protocol provides institutional clients with the ability to request a two-sided market from a particular dealer.
Request-for- quote	RFQ	The multi-dealer request-for-quote protocol provides institutional clients with the ability to hold a real- time auction with multiple dealers and select the best price.
Request-for- stream	RFS	The request-for-stream protocol allows multiple dealers to show clients continuously updating pricing, in line with market movements, during a client's request window.
Session- based/Rematch		The session-based protocol, also known as Sweep, allows clients to manage inventory and balance sheets by entering orders to be matched against opposite orders at a specified time and price, concentrating market liquidity to a particular point in time. Using the Rematch protocol, clients can send accepted, but unmatched orders to the A2A network as an anonymous RFQ.
Voice		Voice-brokered products in our wholesale client sector include, among other products, U.S. treasuries, MBS, municipal bonds and repurchase agreements.

### SECTORS

Term	Acronym	Definition
Dealer to	D2C	Also known as Institutional, consists of
Client	020	dealers trading with buyside clients.
Dealer to	D2D	Also known as Wholesale or Interdealer,
Dealer	DZD	consists of dealers trading with other dealers.

### OTHER

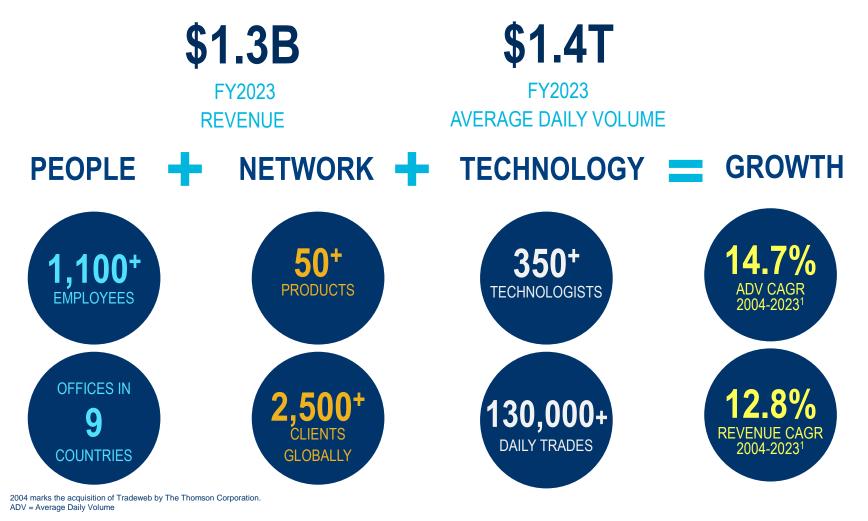
Term	Acronym	Definition
Automated Intelligent Execution	AiEX	Automated Intelligent Execution is an innovative automated trading technology that allows clients to execute large volumes of trade tickets at a high speed using pre- programmed execution rules that are tailored to the client's trading strategy.
Automated Intelligent Price	Ai-Price	Machine learning engine that generates reliable reference pricing and insights using public and proprietary data.
Execution Management System	EMS	An Execution Management System is a software that specializes in trade execution and optimization.
Fees Per Million	FPM	Amount of variable fees captured per million dollars of volume traded on the platform.
Order Management System	OMS	An Order Management System is software that facilitates and manages the execution of trade orders.
Straight- through Processing	STP	Straight-through processing allows trades to be efficiently executed with no manual intervention.
Two Sided Market		A Market where you get a buy and a sell price.



# **BUSINESS OVERVIEW**



Conceived in 1996, starting with \$8mm of capital, Tradeweb is a leader in building and operating electronic marketplaces for its network of clients located in 70+ countries globally





# Tradeweb is a leader in building and operating electronic marketplaces for a global network of fixed income and ETF clients across the financial ecosystem

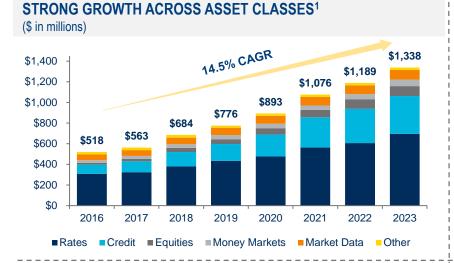


### 4 ASSET CLASSES + MARKET DATA

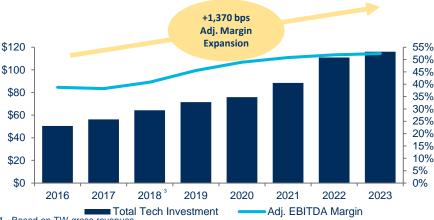
RATES	CREDIT	EQUITIES	MONEY MARKETS	MARKET DATA
<ul><li>Government Bonds</li><li>Mortgages</li><li>Interest Rate Swaps</li></ul>	<ul><li>Corporate Bonds</li><li>Municipals</li><li>Credit Default Swaps</li></ul>	<ul><li>ETFs</li><li>Options</li></ul>	<ul> <li>Repurchase Agreements</li> <li>Certificates of Deposit</li> </ul>	<ul><li> LSEG License</li><li> Proprietary Products</li></ul>

### Balancing Investment to Drive Revenues & Margins





# **BALANCING HIGHER INVESTMENTS & ADJ EBITDA MARGINS**<sup>1,2,3</sup> (\$ in millions)



<sup>1.</sup> Based on TW gross revenues.

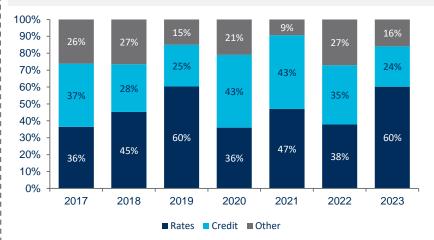
Tech investments include technology compensation related to development and other investment areas, technology-related non-compensation costs in investment areas, and capital expenditures and excludes tech infrastructure operating expenses, maintenance spend, and technology acquired in business acquisitions.

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#### INTERNATIONAL REVENUES CONTINUE TO SCALE<sup>1</sup> (\$ in millions)



#### **ANNUAL REVENUE GROWTH ATTRIBUTION1,4**



 Represents the combined results of the period from January 1, 2018 to September 30, 2018 and the period from October 1, 2018 to December 31, 2018 for the full year ended December 31, 2018. This combination was performed by mathematical addition and is not a presentation made in accordance with GAAP. See "Disclaimers" for additional information and "Appendix" for additional reconciliations.
 Other includes Equities, Money Markets, Market Data, and Other Trading Revenues.

## Diverse Product Offering (FY2023)



+4%

Y/Y

OTHER FEES (3) 23 REVENUE (\$M)

RATES		CREDIT		EQUITIES		MONEY MARKETS		
<b>225</b> VOLUME (\$T)	+31% Y/Y	Volume (\$t)	<b>(5)%</b> Y/Y	5 VOLUME (\$T)	<b>+14%</b> Y/Y	<b>125</b> VOLUME (\$T)		<b>25%</b> Y/Y
(\$M) 695 REVENUE (\$M)	<b>+15%</b> Y/Y	(\$M) 367 REVENUE (\$M)	<b>+11%</b> Y/Y	95 REVENUE (\$M)	<b>+2%</b> Y/Y	(\$M) 63 REVENUE (\$M)		<b>26%</b> Y/Y
GLOBAL GOVERNMENT BONDS		GLOBAL CREDIT		GLOBAL ETFs		REPURCHASE AGREEMENTS		
U.S. Treasuries	• • •	U.S. High-Grade		U.S. ETFs	• •	North American Repo	٠	•
Other N.Amer. Government Bonds	•	U.S. High-Yield	•••	European ETFs	•	European Repo	٠	
UK Gilts	• •	European High-Grade	• •	Asian ETFs	•	APAC Repo	•	•
European Government Bonds	• •	European High-Yield	• •	GLOBAL CASH EQUITIES		AGENCY DISCOUNT NOTES		
Japanese Government Bonds	•	APAC Credit	••	U.S. Preferred Equities	• •	U.S. Agency Discount Notes	٠	•
Australasian Government Bonds	• •	Emerging Market Bonds	•••	U.S. American Depository Receipts	•	COMMERCIAL PAPER		
SECURITIZED PRODUCTS		European Structured Notes	•	European Cash Equities	•	N. Amer. Commercial Paper	•	•
TBA-MBS	• •	MUNICIPAL BONDS		GLOBAL CONVERTIBLE BONDS		European Commercial Paper	•	
Specified Pools	•••	U.S. Municipal Bonds	•••	U.S. Convertible Bonds	• •	Australian Bank Bills	•	•
Other Securitized Products	••	CHINA BONDS		European Convertible Bonds	•	CERTIFICATES OF DEPOSIT		
SSAS/COVERED BONDS		China Interbank Bond Market	•	Asian Convertible Bonds	•	(CDs) / DEPOSITS		
U.S. Agencies	• • •	GLOBAL CREDIT DERIVATIVES		GLOBAL EQUITY DERIVATIVES		U.S. CDs	•	•
Covered Bonds	••	CDX Indices	•	U.S. Equity Derivatives	••	European CDs / Deposits	•	
Other SSAs		iTraxx Europe Indices	•	European Equity Derivatives	•			
GLOBAL RATES DERIVATIVES		iTraxx Asia & EM Indices	•		-			
North American Rates Derivatives	••	U.S. Single Name CDS	•					
European IRS	•	European Single Name CDS	•					
APAC IRS		Emerging Market Single Name CDS	•					
Emerging Markets IRS	•	U.S Credit Total Return Swaps	•			itutional • Wholesale • R	otail	
	•	European Credit Total Return Swaps	•			itutional • Wholesale • R	etail	

**+9%** Y/Y

MARKET DATA (994 REVENUE (\$M)



# **INVESTMENT HIGHLIGHTS**



#### **1. ESTABLISHED ELECTRONIC FIXED INCOME NETWORK WITH SCALE ADVANTAGES**

A leading electronic fixed income network with clients in 70+ countries trading over \$1.4 trillion daily on average<sup>2</sup>

#### 2. TRACK RECORD OF GROWTH AND SERIAL INNOVATION

History of selectively expanding into and scaling new products across asset classes and geographies

#### 3. AT THE INTERSECTION OF POWERFUL SECULAR GROWTH THEMES

Capitalizing on growing global debt pools, increasing electronification, rising popularity of ETFs and pursuit of greater efficiencies

#### 4. SEVERAL TANGIBLE GROWTH OPPORTUNITIES

Focused on executing on U.S. Treasuries, global interest rate swaps, U.S. credit, global ETFs and investing for the future

#### **5. GROWING POOL OF DATA & ANALYTICS**

Diligently using data to improve execution outcomes and create new data products

#### 6. STRONG REVENUE & EARNINGS GROWTH

Management and strategy focused on balancing revenue growth and margin expansion to create long-term shareholder value

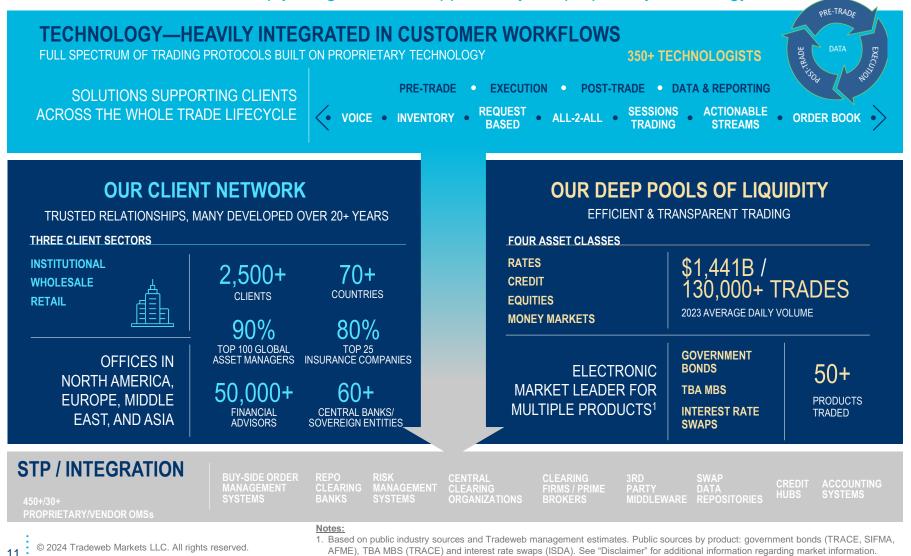


1. Adjusted EBITDA and Adjusted EBIT are non-GAAP financial measures. See "Appendix" for reconciliations to their most comparable GAAP financial measures.

## A Deeply Integrated & Powerful Network



A powerful client network that trades over \$1.4 trillion daily across our global electronic marketplaces, which are deeply integrated and supported by our proprietary technology



### 1. POWERFUL NETWORK EFFECTS Calculated Network Expansion to Connect the Dots



#### TW NETWORK: CONNECTING KEY DIFFERENTIATORS TO GENERATE A STEADY... 1998: Rates **MULTI-**1998: Institutional MULTI-2003: Money ASSET 2008: Wholesale SECTOR Markets Selectively add Distribute 2013: Retail<sup>1</sup> 2005: Credit adjacent products across asset classes over 2010: Equities sectors the long-term **DEEP INTEGRATIONS** (Make workflows seamless) 1 1998: RFQ Allocations: **Orders/Trades:** Account Net EMS/OMS 2001: Inventory 1998: USA Infrastructure: **Reporting:** 2008: RFS Clearinghouses Repositories/ 1 2000: Europe Middleware Accounting 2009: CTT 2004: HK/ Systems: 2010: RFM Front/Middle/ Singapore Back Office **MULTI-**2013: Session GLOBAL<sup>2</sup> 2017: China PROTOCOL **Replicate asset** 2014: Compression 2022: Latam Offer full class footprint spectrum of 2017: A2A globally protocols 2018: Direct Streams 2019: Portfolio Trading 1. We first established a presence in the retail client sector in 2006 and scaled our presence through the BondDesk acquisition in 2013. 2020: ReMatch 2. Represents the year the office opened in that location.

### ...STREAM OF INNOVATIONS

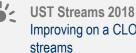
Hedging of U.S. HG Credit with USTs

- Asset Swaps 2019
   Trading IRS and government bonds simultaneously
- BC 2017 / CIBM Direct 2020/ SwapConnect 2023 Connecting bond traders with China
   UST Closing Prices 2019

Replicating a UK concept for Gilt trading in the U.S. for USTs

Credit AiPrice 2018 Delivering prices using content from all three sectors





2021: CLOB

Improving on a CLOB with streams Credit Portfolio Trading 2019

Execute large, complex trades

across numerous bonds

Our deep relationships with our clients allows us to identify growth opportunities early and grow them into meaningful contributors of revenue over time

LAUNCH YEAR <sup>1</sup>	STAGE	PRODUCT	TIME TO \$25MM+ IN REVENUE
1999		UST (U.S. TREASURIES)	4 Years
2001		TBA-MBS	4 Years
2001		EUROPEAN GOVERNMENT BONDS	4 Years
2005/ <mark>2013</mark> 2		U.S. DERIVATIVES (IRS / CDS)	After Dodd-Frank – 3 Years
2005/ <mark>2018</mark> <sup>2</sup>		EUROPEAN DERIVATIVES (IRS / CDS)	After MiFID II – 1 Year
2012		GLOBAL ETFs	6 Years
2013		SESSION TRADING (SWEEP)	5 Years
2014		U.S. INSTITUTIONAL CASH CREDIT	4 Years
2020		EMERGING MARKET DERIVATIVES (IRS / CDS)	3 Years
Cornerstone F	Products 🚮	Newer Products	KNOWLEDGE EXPERTISE

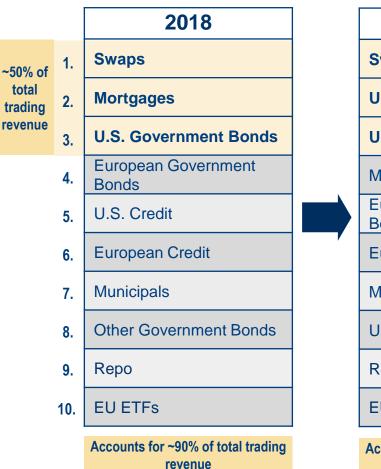
1. Launch year is the first year of revenue.

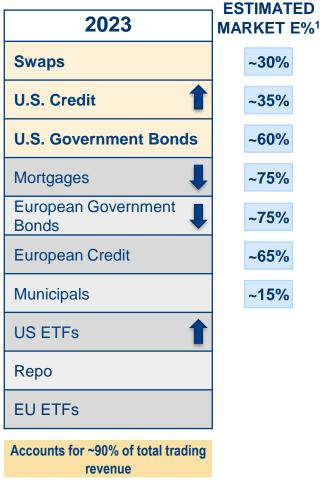
2. U.S. derivatives and European derivatives were launched in 2005; however, revenue growth is being presented post Dodd-Frank (2013) and MiFID II (2018) to show the impact of regulation.

### **Diversity Driven Revenue Growth**



### **TOP 10 REVENUE GENERATING PRODUCTS**





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## **Expansive and Growing Addressable Markets**



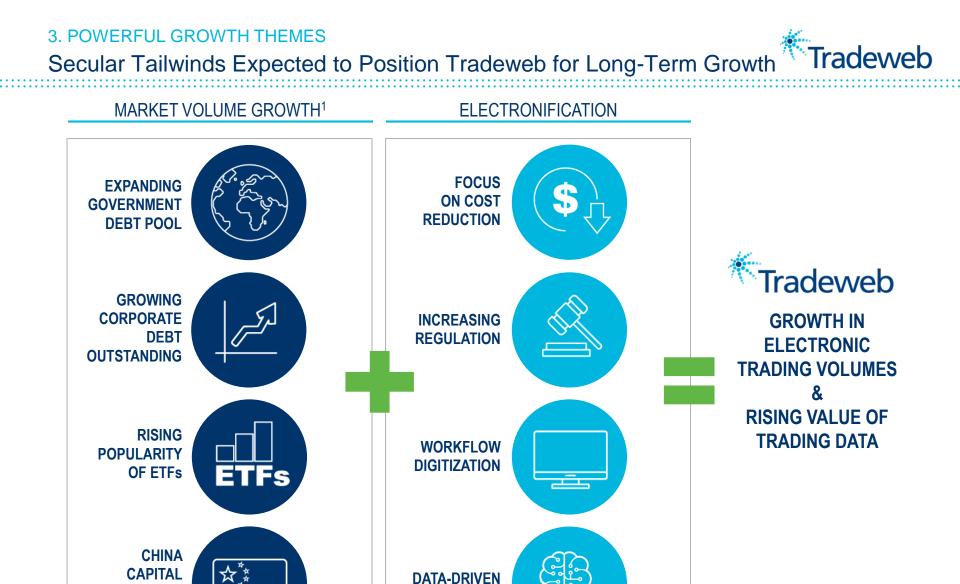
#### TRADEWEB'S GROWTH ADVANTAGE EXPANSIVE ADDRESSABLE MARKETS (ADV)<sup>1,4</sup> **Total Market CAGRs<sup>2</sup>:** TW CAGRs<sup>2</sup>: **GROWTH IN EXISTING MARKETS** Rates +9% Rates +21% Credit +5% Credit +25% Equities +9% Equities +18% ELECTRONIFICATION OF MARKETS Money Markets +13% Money Markets +25% TAM: ~\$8.8T TW % of TAM: 16% **Overall +11% Overall +22% INCREASE MARKET SHARE GROWTH IN UNDERLYING** \$8.8T ASSET CLASSES RATES TAM: \$4.1T \$7.9T ENHANCE DATA AND TW: \$891B TW % of TAM: 22% ANALYTICS CAPABILITIES \$6.3T \$6.3T \$6.0T CREDIT TAM: \$170B ENTER NEW MARKETS AND OTHER \$5.5T TW: \$24B **DRIVERS OF LONG-TERM GROWTH** \$4.8T TW % of TAM: 14% \$4.2T \$3.9T **EQUITIES** (ETFs)<sup>3</sup> TAM: \$161B TW: \$10B TW % of TAM: 6% MONEY MARKETS TAM: \$4.4T TW: \$480B TW % of TAM: 11% 2019 2020 2021 2022 2015 2016 2017 2018 2023

- 1. Total ADV by asset class is based on public industry sources and Tradeweb internal estimates and for the purposes of this slide, total ADVs and Tradeweb ADVs omit volumes in products where the total market ADV cannot be sourced reliably: APAC excluding Japan government bonds in rates, Chinese bonds in credit, equity derivatives in equities, and commercial paper, agency discount notes and certificates of deposits in money markets. Total market size for all products included in each asset class is based on ADV through December 31, 2023 except for EUGV and EM Debt, which are an average of the previous four quarters. Public sources by asset class: rates (SIFMA, TRACE, CLARUS, AFME, JSDA); credit (TRACE, TRAX, CLARUS, SIFMA, CFETS, EMTA); equities (CBOE, Flowtraders); money markets (N.Y. Fed).
- 2. CAGRs based on growth between 2015 and December 31, 2023.
- 3. Total ADV for equities is based on ETF volumes only.
- 4. Please see Slide 32 for further asset class breakdown.

NEW ASSET CLASSES

NEW REGIONS AND CLIENTS

STRATEGIC ACQUISITIONS AND PARTNERSHIPS



**TRADING** 

 Sources: Government bonds (TRACE, TRAX), corporate bonds (SIFMA), ETFs (ETFGI data, ETF/EFP Sponsors, Bloomberg, BMO Global Asset Management ETF Report), Chinese bonds (CFETS).

MARKETS

REFORM

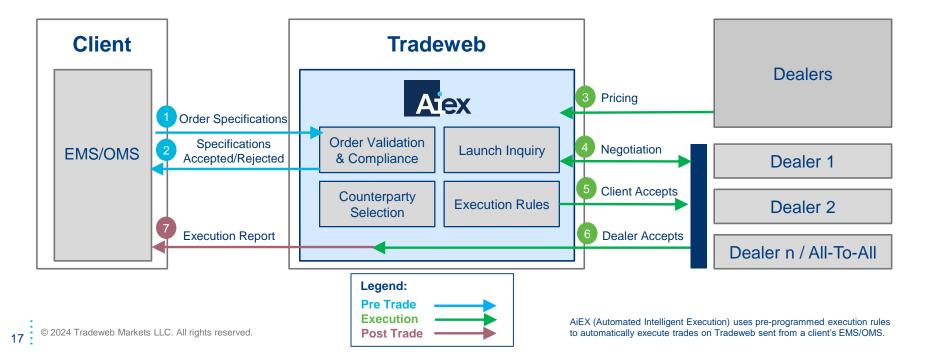




#### **CLIENT GROWTH**



#### SYSTEMS WORKFLOW



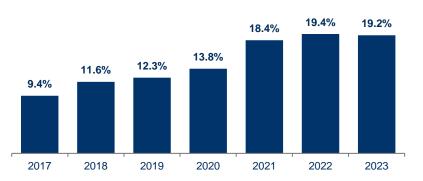
### 4. TANGIBLE GROWTH OPPORTUNITIES

### Leading Global Electronic Rates Business

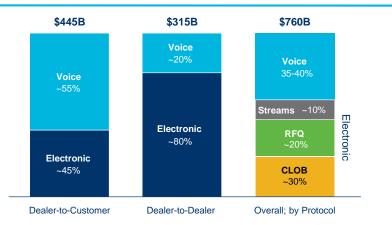


### **U.S. TREASURIES**

### STRONG TW UST SHARE<sup>1</sup>



### VOICE STILL ACCOUNTS FOR ~35-40% OF UST TRADING<sup>4</sup>

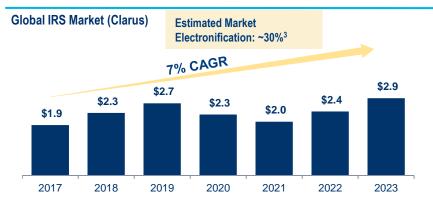


Source: TRACE and Liberty Street Economics data as of August 2017 – July 2018; Greenwich estimates and Tradeweb market intelligence as of December 31, 2023.

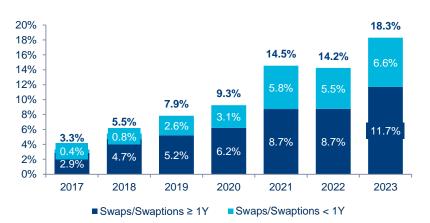
 Share reflects Tradeweb Treasuries volume across institutional, wholesale and retail client sectors, divided by SIFMA volume adjusted by Tradeweb management to estimate non-primary dealer activity for the periods 2017-2020. For 2021 onward, TRACE volumes are being used.

### **GLOBAL SWAPS**

### GLOBAL IRS MARKET<sup>2</sup> (\$ in trillions, ADV)



### TW GLOBAL IRS MARKET SHARE IS GROWING<sup>5</sup>

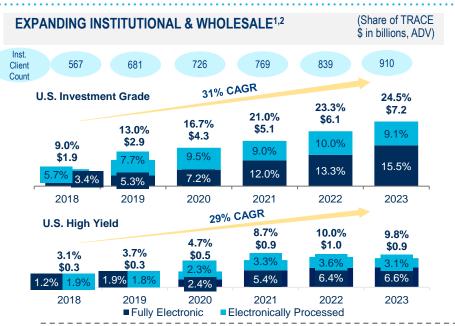


- Global IRS market estimate based on Clarus cleared market volumes; Global IRS market refers to volumes traded by U.S. and non-U.S. entities. Based on Clarus volumes and Tradeweb management estimates.
- 3. Based on Clarus volumes and Tradeweb management estimates.
- 4. Electronification rates based on UST volumes traded.
- Share reflects TW IRS volumes across institutional, wholesale and retail client sectors, divided by Clarus cleared market volumes. Global IRS market refers to volumes traded by U.S. and non-U.S. entities. Totals may not foot due to rounding.

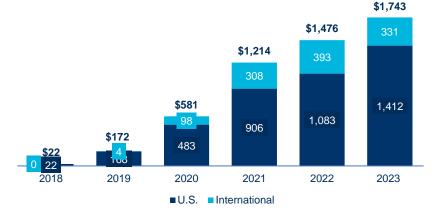
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### 4. TANGIBLE GROWTH OPPORTUNITIES

# Building a Next Generation U.S. Corporate Credit Market Place Tradeweb

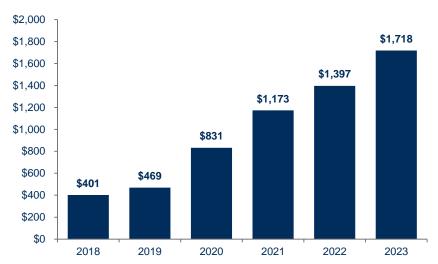






<sup>1.</sup> Totals may not foot due to rounding.

 Share reflects TW high grade and high yield volume, divided by TRACE volume, adjusted by Tradeweb management to exclude emerging market and convertible bond volumes.
 © 2024 Tradeweb Markets LLC. All rights reserved. **GROWING FOUNDATIONAL U.S. RFQ PROTOCOL** (\$ in millions, ADV)



### SOLIDIFYING OUR U.S. DIFFERENTIATORS<sup>1</sup>

(\$ in millions, ADV)





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### 4. TANGIBLE GROWTH OPPORTUNITIES Electronifying Block ETFs & Investing in the Future

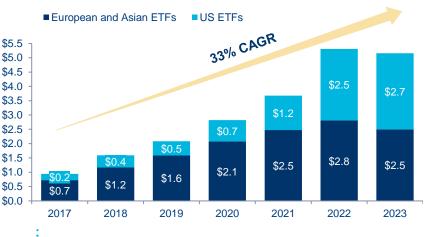


### **GLOBAL ETFs**

### MAKING BLOCK TRADING MORE EFFICIENT



### TW INSTITUTIONAL ETF ADV CONTINUES TO GROW (\$B)



### EARLY STAGE OPPORTUNITIES

### RATES

- **UST Directed Streams:** Electronic tailored order book that gives clients the ability to source liquidity at larger sizes and better price increments vs. CLOB with minimal information leakage
- **Specified Pools:** Access to trade and view inventory of the industry's leading liquidity providers
- Emerging Markets Interest Rate Swaps: Strong pipeline of dealers and clients with plans to add more currencies

#### CREDIT

 China Bonds: First offshore platform to offer foreign investors electronic access to Bond Connect, CIBM Direct and SwapConnect



- **DRFQ:** Dealer request for quote enables clients to easily manage long/short positions and maximize liquidity
- Emerging Markets Cash and CDS: Offering trading solutions for hard and local currency and credit default swaps
- Taxable Munis: leveraging leading position in tax-exempt Munis

### MONEY MARKETS

• **Bilateral Repo:** Strong pipeline of clients globally with plans to expand into additional collateral types

#### **EQUITIES**

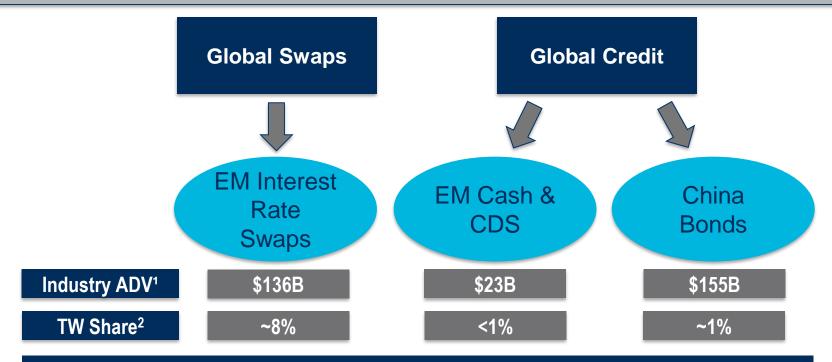
• ADRs & Single Stock: Leveraging existing Tradeweb value proposition/connectivity across additional equity products

### MARKET DATA

• Benchmarks: Tradeweb closing prices



### Leveraging our leading rates and credit brand to expand into emerging markets



### EM TOTAL ADDRESSABLE MARKET (REVENUES): \$1+ Billion



1) Industry ADV based on CLARUS for EM IRS and EM CDS, EMTA for EM Credit and CFETS for China Bonds. Based on 2022 data.

EM IRS share reflect TW emerging market interest rates swaps ("EM IRS") volumes across the institutional client sector, divided by Clarus cleared EM IRS volumes. EM Cash & CDS share reflect TW emerging markets cash credit and CDS volumes across the institutional and wholesale client sectors, divided by the sum of EMTA volumes and Clarus cleared EM CDS volumes. China Bonds share reflect TW China Bonds volumes across the institutional client sector, divided by CFETS volumes. Based on 2022 Data.

### 4. TANGIBLE GROWTH OPPORTUNITIES Strongly Positioned Municipal Bond Platform



TRADEWEB'S LEADING PLATFORM IS FOCUSED ON LARGEST SEGMENTS OF THE MARKET WITH OPPORTUNITIES FOR FUTURE GROWTH



1 in 5 MSRB trades facilitated on Tradeweb platform



47% 3-year CAGR in Tradeweb Institutional municipal ADV



Retail investors own over 2/3 of municipal bonds;<sup>1</sup> Tradeweb is a leader in this client sector, allowing us to provide liquidity from a majority of the market to both retail and institutional investors

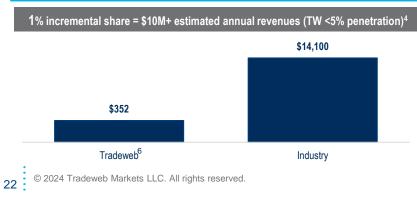


Tradeweb's platform is focused on tax-exempt bonds, the largest part of the market<sup>1</sup>

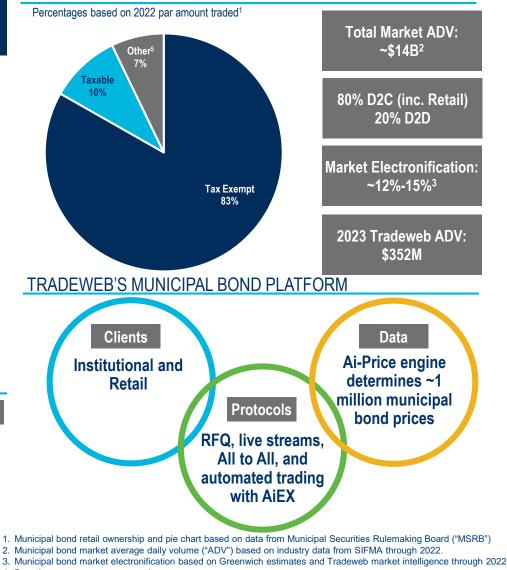


Expanding footprint into institutional taxable bonds, leveraging the innovations around net spotting and portfolio trading

### 2022 MUNICIPAL BOND MARKET ADV (\$M)<sup>2</sup>



### MUNICIPAL BOND MARKET



Based on management expectations.
 "Other" includes AMT munis, muni control

- 5. "Other" includes AMT munis, muni commercial paper and uncategorizable issues.
- 6. Tradeweb ADV based on 2023

### 4. TANGIBLE GROWTH OPPORTUNITIES

## M&A and Partnerships—Selectively Accelerating Growth

### HISTORY OF SUCCESSFUL STRATEGIC ACQUISITIONS...

DATE	TARGET	DESCRIPTION	STRATEGIC RATIONALE	
2008	Hilliard Farber	Wholesale voice broker with a strong MBS franchise	Entered wholesale sector and launched an electronic TBA platform	BLACKROCK IRS, CDS AND CREDIT
2011	Rafferty Capital Markets	Wholesale voice broker with a strong UST franchise	Introduced hybrid electronic UST trading	
2013	BondDesk	Leading U.S. retail fixed income trading technology vendor to wealth management firms	Scaled position in the retail client sector	BOND CONNECT
2016	CodeStreet	Data-driven trade identification and workflow management software for corporate bonds	Enhanced corporate bond platform pre-trade intelligence	EuroCCP Investment System Solutions
2021	Nasdaq U.S. Fixed Income Electronic Trading Platform	Fully executable CLOB for electronic trading in on-the-run (OTR) UST	Complements TW's wholesale UST streaming protocol	
2023	YieldBroker	Leading Australian trading platform for bonds and derivatives	Expands TW's reach in Australia & New Zealand markets	REFINITIV Russell FXall
2024	r8fin	Technology provider specializing in algorithmic-based execution for UST and interest rates futures	Addition of a technology platform that can be leveraged to trade USTs and related futures.	Giobal Markets Sumscope S&P Global Market Intelligence
WILL CO	NTINUE TO S	ELECTIVELY EVALUATE	<b>OPPORTUNITIES TO</b>	EXPAND IN A DISCIPLINED FASHION

	PRE-TRADE	INTEGRATION AND WORKFLOW	EXECUTION PLATFORM	STP AND WORKFLOW	POST-TRADE	
		NETWORK AND GUI-			OGY & INFORMATION ADING ACTIVITY	
EXAMPLES	<ul><li>Analytics</li><li>Inventory</li></ul>	<ul><li>Basis trading</li><li>Algorithms</li></ul>	<ul> <li>Asset classes</li> <li>Geographies</li> <li>Client sectors</li> <li>Products &amp; Protocols</li> </ul>	Reporting	<ul><li>Data</li><li>Benchmarks</li><li>TCA</li></ul>	

## S... ...AND PARTNERSHIPS

adeweh

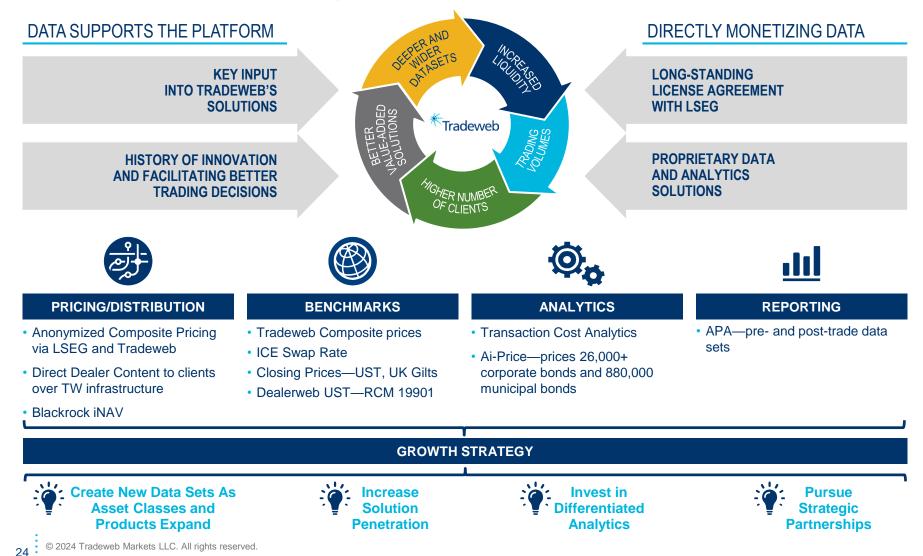
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### 5. GROWING POOL OF DATA AND ANALYTICS Platforms and Solutions Powered by Data and Analytics



Data and analytics play a critical role by improving the trading experience of our clients and driving more liquidity to our platforms



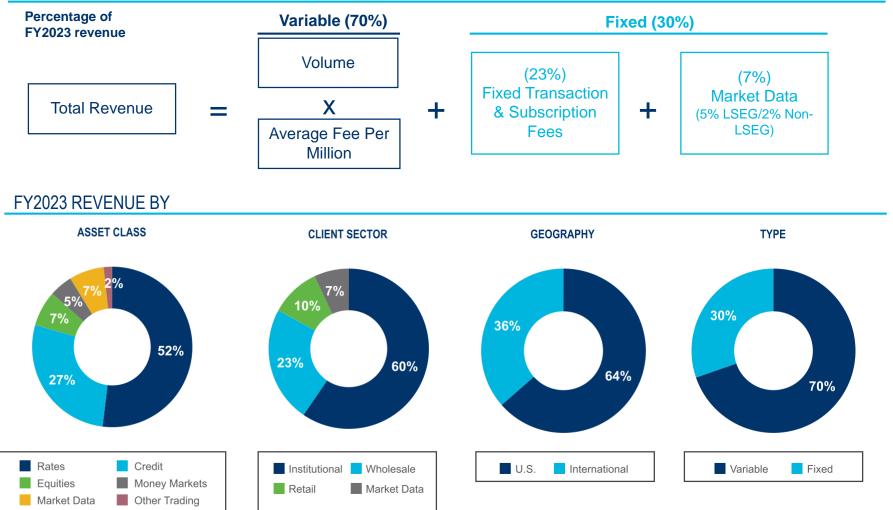


# FINANCIAL OVERVIEW

### Straightforward & Diversified Business Model



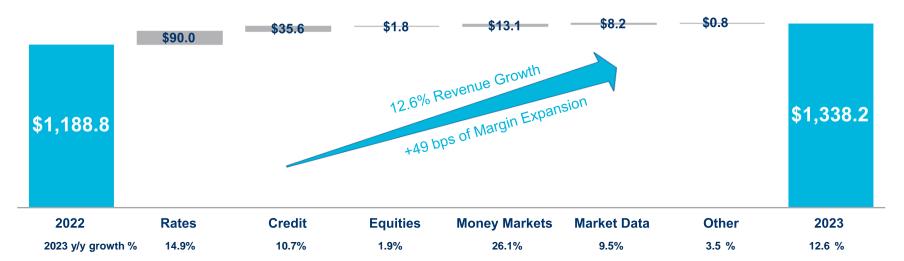
### TRADEWEB HAS A DIVERSIFIED REVENUE BASE WITH A MIX OF VARIABLE AND FIXED REVENUE



### Strong & Broad-based Revenue and Margin Expansion

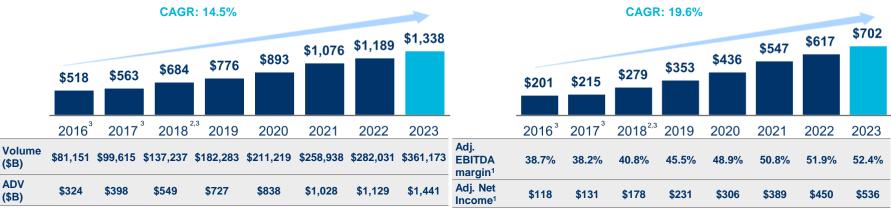


### FY2023 REVENUE GROWTH BY ASSET CLASS AND MARGIN EXPANSION (\$M)



### GROSS REVENUE GROWTH (\$M)

### ADJUSTED EBITDA GROWTH (\$M)<sup>1</sup>



1. See "Appendix" for reconciliation of Adjusted EBITDA and Adjusted Net Income to net income. Adjusted EBITDA margin is defined as Adjusted EBITDA divided by gross revenue for the applicable period.

2. Represents the combined results of the period from January 1, 2018 to September 30, 2018 and the period from October 1, 2018 to December 31, 2018 for the full year ended December 31, 2018. This combination was performed by

mathematical addition and is not a presentation made in accordance with GAAP. See "Disclaimer" for additional information and "Appendix" for additional reconciliations.

3. The 2016, 2017 and 2018 years represent gross revenue amounts as the revenue measure we utilize to assess our business. Subsequent to September 30, 2018, there is no difference between "gross revenue," "net revenue" or "revenue".

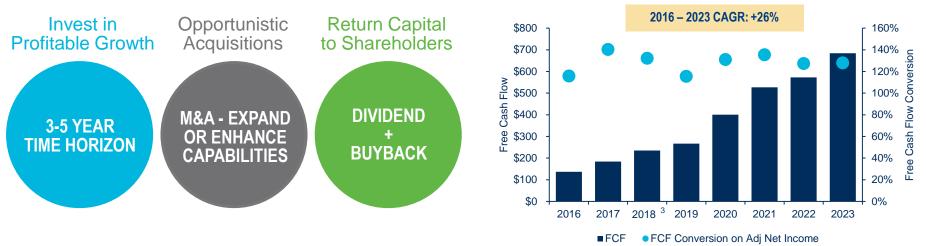
### 6. SIMPLE PHILOSOPHY Capital Management



STRONG FREE CASH FLOW GROWTH & CONVERSION (\$M)<sup>2</sup>

- Balanced strategy of returning capital to shareholders (dividend + buyback) and investing in the business
- Strong balance sheet with \$1.7 billion of cash and cash equivalents as of December 31st, 2023, supported by strong free cash flow generation.
- Acquired Yieldbroker in August 2023 for \$69.7 million, net of cash acquired and acquired r8fin in January 2024 for a net cash amount of \$89.2 million plus the issuance of 374,601 Class A shares valued at \$36.7 million
- \$500 million revolver remains undrawn as of December 31st, 2023
- \$300 million share repurchase program which we intend to use to offset annual equity grants as well as
  opportunistically repurchase our stock, \$239.8 million of share repurchase authorization remains as of December
  31st, 2023<sup>1</sup>

### FUTURE CAPITAL ALLOCATION PHILOSOPHY



1. \$300M Share repurchase authorized in December 2022.

Free Cash Flow ("FCF") is a non-GAAP financial measure. FCF Conversion is FCF divided by Adjusted Net Income for the applicable period. See "Appendix" for a reconciliation to its most comparable GAAP financial measure.
 Represents the combined results of the period from January 1, 2018 to September 30, 2018 and the period from October 1, 2018 to December 31, 2018 for the full year ended December 31, 2018. This combination was performed by mathematical addition and is not a presentation made in accordance with GAAP. See "Disclaimers" for additional information and "Appendix" for additional reconciliations.



### Continuing to Strike the Right Balance Between Investing to Drive

### **Revenue Growth & Margin Expansion**

### **BENCHMARKING PERFORMANCE**

	FY2023	FY2	GROWTH						
	\$1,441B ADV*	\$1,12	9B ADV	+27.6%					
	\$1,338M	\$1,7	\$1,189M						
ADJ. EBITDA MARGIN <sup>2</sup>	52.4%	51	.9%	+49 bps					
ADJ. DILUTED EPS <sup>2</sup>	\$2.26	\$^	+18.9%						
	IN	VESTMENTS & INNOVATION	3						
EM Swaps (IRS)	Portfolio Trading (CREDIT)	Closing Prices (MARKET DATA)	Streams (USTs)	Options/Convertibles (EQUITIES)					
		GROWTH ADVANTAGES							
GLOBAL & MULTI- ASSET CLASS NETWORK			STRONG CLIENT ELATIONSHIPS						
ADV = Average Daily Volume									

Changes presented on a "constant currency" basis reflect changes for the period excluding the impact of foreign currency fluctuations. See "Disclaimers - Non-GAAP Financial Measures" for more information.

See "Appendix" for a reconciliation of Adjusted EBITDA and Adjusted Diluted EPS to their most comparable GAAP financial measures. Adjusted EBITDA margin is defined as Adjusted EBITDA divided by gross revenue for the applicable period.

1. 2. Contacts



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For more information on Tradeweb: <u>www.tradeweb.com</u>





# APPENDIX



(\$ in trillion, ADV)									
Rates	2015	2016	2017	2018	2019	2020	2021	2022	2023
US Treasuries	\$0.55	\$0.57	\$0.56	\$0.61	\$0.65	\$0.66	\$0.66	\$0.69	\$0.76
Mortgages	\$0.21	\$0.21	\$0.21	\$0.22	\$0.25	\$0.29	\$0.28	\$0.24	\$0.26
Rate Derivatives	\$1.21	\$1.46	\$1.89	\$2.34	\$2.70	\$2.28	\$2.01	\$2.39	\$2.88
European Government Bonds	\$0.12	\$0.12	\$0.12	\$0.11	\$0.12	\$0.11	\$0.12	\$0.12	\$0.15
Other	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.03	\$0.03	\$0.03	\$0.03
Total Rates	\$2.11	\$2.38	\$2.79	\$3.30	\$3.74	\$3.37	\$3.09	\$3.46	\$4.08
Credit	2015	2016	2017	2018	2019	2020	2021	2022	2023
US Investment Grade	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.03	\$0.02	\$0.03	\$0.03
US High Yield	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01
European Credit	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01
Credit Derivatives	\$0.05	\$0.05	\$0.05	\$0.07	\$0.06	\$0.08	\$0.07	\$0.10	\$0.08
Municipal Bonds	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01
Emerging Markets	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02
Total Credit	\$0.11	\$0.12	\$0.12	\$0.14	\$0.14	\$0.16	\$0.15	\$0.18	\$0.17
Equities (ETFs) <sup>2</sup>	2015	2016	2017	2018	2019	2020	2021	2022	2023
US ETFs	\$0.08	\$0.08	\$0.07	\$0.10	\$0.09	\$0.13	\$0.14	\$0.18	\$0.15
European ETFs	\$0.00	\$0.00	\$0.00	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01	\$0.01
Total Equities (ETFs)	\$0.08	\$0.08	\$0.07	\$0.11	\$0.10	\$0.14	\$0.15	\$0.19	\$0.16
Money Markets	2015	2016	2017	2018	2019	2020	2021	2022	2023
Repo (Excluding Bilateral)	\$1.6	\$1.6	\$1.8	\$1.9	\$2.3	\$2.4	\$2.9	\$4.1	\$4.4
Total Money Markets	\$1.61	\$1.63	\$1.82	\$1.93	\$2.34	\$2.36	\$2.89	\$4.06	\$4.35
Total	\$3.92	\$4.21	\$4.80	\$5.48	\$6.31	\$6.03	\$6.27	\$7.90	\$8.77

Total ADV by asset class is based on public industry sources and Tradeweb internal estimates and for the purposes of this slide, total ADVs and Tradeweb ADVs omit volumes in products where the total market ADV cannot be sourced reliably: APAC excluding Japan government bonds in rates, Chinese bonds in credit, equity derivatives in equities, and commercial paper, agency discount notes and certificates of deposits in money markets. Total market size for all products included in each asset class is based on ADV through December 31, 2023. except for EUGV and EM Debt, which are an average of the previous four quarters. Public sources by asset class: rates (SIFMA, TRACE, CLARUS, AFME, JSDA); credit (TRACE, TRAX, CLARUS, SIFMA, CFETS, EMTA); equities (CBOE, Flowtraders); money markets (N.Y. Fed).

2. Total ADV for equities is based on ETF volumes only.

### Reconciliation of Non-GAAP Items (\$ in thousands, except per share and share amounts)



Net Income to Adjusted EBITDA, Adjusted EBIT and	Su	ccessor	S	uccessor	ş	Successor	S	Successor	s	uccessor	S	uccessor	Pr	edecessor	Pre	edecessor	Pre	edecessor
Adjusted EBT		FY23		FY22		FY21		FY20		FY19		4Q18		9M18		FY17		FY16
Net income	\$	419,503	\$	359,613	\$	273,108	\$	218,390	\$	173,024	\$	29,307	\$	130,160	\$	83,648	\$	93,161
Contingent consideration		_		_		_		—		_		_		26,830		58,520		26,224
Merger and acquisition transaction and integration costs <sup>1</sup>		8,042		1,069		5,073		—				_		_		_		—
Net interest (income) expense		(65,350)		(11,907)		1,590		316		(2,373)		(787)		(1,726)		(685)		695
Depreciation and amortization		185,350		178,879		171,308		153,789		139,330		33,020		48,808		68,615		80,859
Stock-based compensation expense <sup>2</sup>		2,947		20,409		16,509		13,025		25,098		_		_		_		—
Provision for income taxes		128,477		77,520		96,875		56,074		52,302		3,415		11,900		6,129		(725)
Foreign exchange (gains) / losses <sup>3</sup>		(47)		4,409		(4,702)		6,279		(1,085)		353		(1,881)		(1,042)		557
Tax receivable agreement liability adjustment <sup>4</sup>		9,517		(13,653)		(12,745)		(11,425)		(33,134)		_		_		_		—
Other (income) loss, net		13,122		1,000										_				
Adjusted EBITDA	\$	701,561	\$	617,339	\$	547,016	\$	436,448	\$	353,162	\$	65,308	\$	214,091	\$	215,185	\$	200,771
Less: Depreciation and amortization	(*	185,350)		(178,879)		(171,308)		(153,789)		(139,330)		(33,020)		(48,808)		(68,615)		(80,859)
Add: D&A related to acquisitions and the Refinitiv Transaction <sup>5</sup>		127,731		126,659		124,580		110,187		97,565		22,413		19,576		31,236		41,125
Adjusted EBIT	\$	643,942	\$	565,119	\$	500,288	\$	392,846	\$	311,397	\$	54,701	\$	184,859	\$	177,806	\$	161,037
Add: Net interest income (expense)		65,350		11,907		(1,590)		(316)		2,373		787		1,726		685		(695)
Adjusted EBT	\$	709,292	\$	577,026	\$	498,698	\$	392,530	\$	313,770	\$	55,488	\$	186,585	\$	178,491	\$	160,342
Net income margin		31.3 %		30.3 %	)	25.4 %	)	24.5 %	, D	22.3 %	5	16.4 %		27.2 %		16.6 %		18.9 %
Adjusted EBITDA margin <sup>6</sup>		52.4 %		51.9 %	)	50.8 %	)	48.9 %	5	45.5 %	5	36.6 %		42.3 %		38.2 %		38.7 %
Adjusted EBIT margin <sup>6</sup>		48.1 %		47.5 %	)	46.5 %	)	44.0 %	, D	40.2 %	5	30.6 %		36.5 %		31.6 %		31.1 %

1. Represents incremental direct costs associated with the acquisition and integration of completed and potential mergers and acquisitions. These costs generally include legal, consulting, advisory, due diligence, severance and other third party costs incurred that directly relate to the acquisition transaction or its integration.

2. Represents non-cash stock-based compensation expense associated with the Special Option Award and post-IPO options awarded in 2019 and payroll taxes associated with the exercise of such options. During the year ended December 31, 2022, this adjustment also includes \$15.0 million of non-cash accelerated stock-based compensation expense and related payroll taxes associated with our retired CEO. During the year ended December 31, 2021, this adjustment also includes \$1.7 million of non-cash accelerated stock-based compensation expense and related payroll taxes associated with our retired CEO. During the year ended December 31, 2021, this adjustment also includes \$1.7 million of non-cash accelerated stock-based compensation expense and related payroll taxes associated with our retired CEO.

3. Represents unrealized gain or loss recognized on foreign currency forward contracts and foreign exchange gain or loss from the revaluation of cash denominated in a different currency than the entity's functional currency.

4. Represents income recognized during the applicable period due to changes in the tax receivable agreement liability recorded in the consolidated statement of financial condition as a result of changes in the mix of earnings, tax legislation and tax rates in various jurisdictions which impacted our tax savings.

 Represents intangible asset and acquired software amortization resulting from the application of pushdown accounting to the Refinitiv Transaction (where all assets were marked to fair value as of the closing date of the Refinitiv Transaction).

6. Net income margin, Adjusted EBITDA margin and Adjusted EBIT margin are defined as net income, Adjusted EBITDA and Adjusted EBIT, respectively, divided by gross revenue for the applicable period. See "Strong & Broad-based Revenue and Margin Expansion" for gross revenue.

Reconciliation of Cash Flow from Operating Activities to Free Cash Flow	Su	uccessor S FY23	Successor FY22	Successor FY21		essor S (20	Successor FY19	Successor 4Q18	Predece 9M1		Pre	edecessor FY17	Predecessor FY16
Cash flow from operating activities	\$	746,089 \$	\$ 632,822	\$ 578,021	\$ 4	43,234 \$	<b>311,003</b>	\$ 112,556	\$ 164,	828	\$	224,580	\$ 171,845
Less: Capitalization of software development costs		(43,235)	(36,882)	(34,470	) (*	(31,046)	(28,681)	(7,156)	(19,5	23)		(27,157)	(25,351)
Less: Purchases of furniture, equipment and leasehold improvements		(18,529)	(23,214)	(16,878	) (	(11,490)	(15,781)	(9,090)	(6,3	27)		(13,461)	(9,998)
Free Cash Flow	\$	684,325 \$	\$ 572,726	\$ 526,673	\$ 4	00,698 \$	6 266,541	\$ 96,310	\$ 138,	978	\$	183,962	\$ 136,496

### Reconciliation of Non-GAAP Items (continued) (\$ in thousands, except per share and share amounts)



Reconciliation of Net Income attributable to Tradeweb Markets Inc. to Adjusted Net Income and Adjusted Diluted EPS	Successor FY23	Successor FY22	Successor FY21	Successor FY20	Successor FY19	Successor 4Q18	Predecessor 9M18	Predecessor FY17	Predecessor FY16
Earnings per diluted share <sup>1</sup>	<b>\$1.71</b> <sup>a</sup>	<b>\$1.48</b> <sup>a</sup>							
Pre-IPO net income attributable to Tradeweb Markets LLC <sup>1</sup>	_	_	_	_	\$42,352 <sup>b</sup>	\$29,307 <sup>b</sup>	\$130,160 <sup>b</sup>	\$83,648 <sup>b</sup>	\$93,161 <sup>b</sup>
Net income attributable to Tradeweb Markets Inc. <sup>1</sup>	364,866ª	309,338ª	226,828ª	166,296ª	83,769ª	_	—	—	—
Net income attributable to non-controlling interests 1,2	54,637ª	50,275ª	46,280ª	52,094ª	46,903ª	_	—	—	—
Net income	\$419,503ª	\$359,613ª	\$273,108ª	\$218,390ª	\$173,024 <sup>a,b</sup>	\$29,307 <sup>b</sup>	\$130,160 <sup>b</sup>	\$83,648 <sup>b</sup>	\$93,161 <sup>b</sup>
Provision for income taxes	128,477	77,520	96,875	56,074	52,302	3,415	11,900	6,129	(725)
Contingent consideration	_	—	—	_	—	_	26,830	58,520	26,224
Merger and acquisition transaction and integration costs <sup>3</sup>	8,042	1,069	5,073	_	_	_	_	_	_
D&A related to acquisitions and the Refinitiv Transaction <sup>4</sup>	127,731	126,659	124,580	110,187	97,565	22,413	19,576	31,236	41,125
Stock-based compensation expense 5	2,947	20,409	16,509	13,025	25,098	_	—	—	—
Foreign exchange (gains) / losses 6	(47)	4,409	(4,702)	6,279	(1,085)	353	(1,881)	(1,042)	557
Tax receivable agreement liability adjustment 7	9,517	(13,653)	(12,745)	(11,425)	(33,134)	_	—	—	—
Other (income) loss, net	13,122	1,000	—	_	—	_	—	—	_
Adjusted Net Income before income taxes	709,292	577,026	498,698	392,530	313,770	55,488	186,585	178,491	160,342
Adjusted income taxes 8	(173,777)	(126,946)	(109,713)	(86,357)	(82,835)	(14,649)	(49,258)	(47,122)	(42,330)
Adjusted Net Income	\$ 535,515	\$ 450,080	\$ 388,985	\$ 306,173	\$ 230,935	\$ 40,839	\$ 137,327	\$ 131,369	\$ 118,012
Adjusted Diluted EPS 1,9	<b>\$2.26</b> ª	\$1.90ª							

1. As a result of the Reorganization Transactions and the IPO completed in April 2019, certain earnings information is being presented separately for Tradeweb Markets LLC and Tradeweb Markets Inc.

a. Presents information for Tradeweb Markets Inc. (post-IPO period).

b. Presents information for Tradeweb Markets LLC (pre-IPO period).

2. For post-IPO periods, represents the reallocation of net income attributable to non-controlling interests from the assumed exchange of all outstanding LLC Interests held by non-controlling interests of Class A or Class B common stock.

3. Represents incremental direct costs associated with the acquisition and integration of completed and potential mergers and acquisitions. These costs generally include legal, consulting, advisory, due diligence, severance and other third party costs incurred that directly relate to the acquisition transaction or its integration.

4. Represents intangible asset and acquired software amortization resulting from the application of pushdown accounting to the Refinitiv Transaction (where all assets were marked to fair value as of the closing date of the Refinitiv Transaction).

5. Represents non-cash stock-based compensation expense associated with the Special Option Award and post-IPO options awarded in 2019 and payroll taxes associated with the exercise of such options. During the year ended December 31, 2022, this adjustment also includes \$15.0 million of non-cash accelerated stock-based compensation expense and related payroll taxes associated with our retired CEO. During the year ended December 31, 2021, this adjustment also includes \$1.7 million of non-cash accelerated stock-based compensation expense and related payroll taxes associated with our retired CEO. During the year ended December 31, 2021, this adjustment also includes \$1.7 million of non-cash accelerated stock-based compensation expense and related payroll taxes associated with our retired CEO. During the year ended December 31, 2021, this adjustment also includes \$1.7 million of non-cash accelerated stock-based compensation expense and related payroll taxes associated with our former CFO.

6. Represents unrealized gain or loss recognized on foreign currency forward contracts and foreign exchange gain or loss from the revaluation of cash denominated in a different currency than the entity's functional currency.

7. Represents income recognized during the applicable period due to changes in the tax receivable agreement liability recorded in the consolidated statement of financial condition as a result of changes in the mix of earnings, tax legislation and tax rates in various jurisdictions which impacted our tax savings.

8. Represents corporate income taxes at an assumed effective tax rate of 24.5% applied to Adjusted Net Income before income taxes for the year ended December 31, 2023 and 22.0% for the years ended December 31, 2022, 2021 and 2020 and an effective tax rate of 26.4% applied to Adjusted Net Income before income taxes for the year ended. For pre-IPO periods, this adjustment assumes Tradeweb Markets LLC was subject to a corporate tax rate for the periods presented.

9. For a summary of the calculation of Adjusted Diluted EPS, see "Reconciliation of Diluted Weighted Average Shares Outstanding to Adjusted Diluted Weighted Average Shares Outstanding to Adjusted Diluted EPS" on the next slide.



Successor Successor Reconciliation of Diluted Weighted Average Shares Outstanding to Adjusted Diluted Weighted Average Shares Outstanding and Adjusted Diluted EPS **FY23 FY22** Diluted weighted average shares of Class A and Class B common stock outstanding 212,668,808 208,400,040 Weighted average of other participating securities 1 270,249 193,441 Assumed exchange of LLC Interests for shares of Class A or Class B common stock <sup>2</sup> 23,902,379 28,830,686 Adjusted diluted weighted average shares outstanding 236,841,436 237,424,167 \$ 535,515 \$ Adjusted Net Income (in thousands) 450,080 **Adjusted Diluted EPS** \$ 2.26 \$ 1.90

1. Represents weighted average unvested restricted stock units and unsettled vested performance-based restricted stock units issued to certain retired or terminated employees that are entitled to non-forfeitable dividend equivalent rights and are considered participating securities prior to being issued and outstanding shares of common stock in accordance with the two-class method used for purposes of calculating earnings per share.

2. Assumes the full exchange of the weighted average of all outstanding LLC Interests held by non-controlling interests for shares of Class A or Class B common stock, resulting in the elimination of the non-controlling interests and recognition of the net income attributable to non-controlling interests.

#### The following table summarizes the basic and diluted earnings per share calculations for Tradeweb Markets Inc:

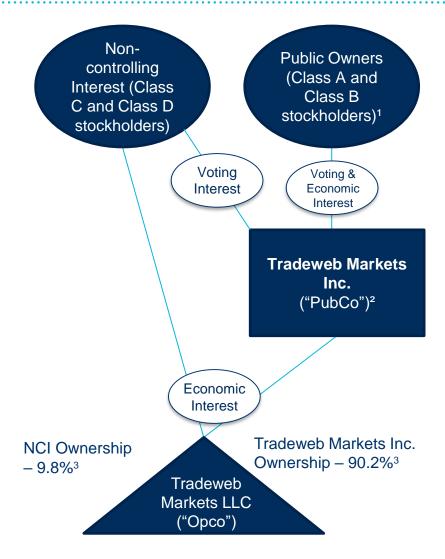
EPS: Net income attributable to Tradeweb Markets Inc.	FY23	FY22
Numerator:		
Net income attributable to Tradeweb Markets Inc.	\$ 364,866 \$	309,338
Less: Distributed and undistributed earnings allocated to unvested RSUs and unsettled vested PRSUs 1	(467)	(244)
Net income attributable to outstanding shares of Class A and Class B common stock - Basic and Diluted	\$ 364,399 \$	309,094
Denominator:		
Weighted average shares of Class A and Class B common stock outstanding - Basic	210,796,802	205,576,637
Dilutive effect of PRSUs	458,343	770,726
Dilutive effect of options	1,150,159	1,810,956
Dilutive effect of RSUs	257,076	241,721
Dilutive effect of PSUs	6,428	
Weighted average shares of Class A and Class B common stock outstanding - Diluted	212,668,808	208,400,040
Earnings per share - Basic	\$ 1.73 \$	1.50
Earnings per share - Diluted	\$ 1.71 \$	1.48

1. During the years ended December 31, 2023 and 2022, there was a total of 270,249 and 193,441, respectively, weighted average unvested RSUs and unsettled vested PRSUs that were considered a participating security for purposes of calculating earnings per share in accordance with the two-class method.

## Up-C Structure and TRA

#### **Summary Points**

- In an Up-C structure, operations continue to be conducted through a limited liability company treated as a partnership for tax purposes ("Opco"). Opco is partially owned by the publicly-traded corporation ("Pubco"), with the remaining Opco interests held by pre-IPO holders of Opco units (or their transferees) ("NCI holders").
- Benefits of the Up-C structure for NCI holders include a single level of tax on allocations of Opco income (no change from prior to the IPO), and liquidity via the right to exchange Opco units for publicly-traded Pubco shares.
- Exchanges of Opco units for Pubco shares create tax benefits for Pubco, which Pubco can use to reduce its corporate income tax liability. In connection with our IPO, Pubco (Tradeweb Markets Inc.) entered into a Tax Receivable Agreement ("TRA") with all pre-IPO holders of Opco (Tradeweb Markets LLC) units. Under the TRA, Pubco will pay to pre-IPO holders (or their transferees) an amount equal to 50% of the cash tax savings realized by Pubco from such tax benefits. Many TRAs in the market require Pubco to pay 85% of cash tax savings to pre-IPO holders.
- Timing of payments under the TRA depend on many factors, including future profitability and the timing of exchanges of Opco units for Pubco shares. Please refer to "Management's Discussion and Analysis of Financial Condition and Results of Operations" in our FY23 Form 10-K for a discussion regarding Pubco's expected future payment obligations under the TRA.





- 2. Sole manager of Opco.
- 3. As of December 31, 2023.

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