



# MUFG – Our History

# Mitsubishi UFJ Financial Group (MUFG) is One of the World's Leading Financial Groups

- With roots that trace back over 360 years, MUFG has long been one of the most important companies in Japan.
- Our services include corporate banking, commercial banking, retail banking, wealth management, investment banking, capital markets, personal and corporate trust, and transaction banking.
- Headquartered in Tokyo, MUFG is a global network with 1,100 offices in more than 50 countries, 180,000 colleagues, and approximately 300 companies.
- MUFG's operating companies include MUFG Bank, Mitsubishi UFJ Trust and Banking Corporation (MUTB), and Mitsubishi UFJ Securities Holdings (MUS).
- Through close collaboration among our group members, MUFG aims to be the world's most trusted financial group, responding to all the financial needs of our corporate, commercial and institutional clients with a flexible approach, providing best in class service and products.

Take Away:

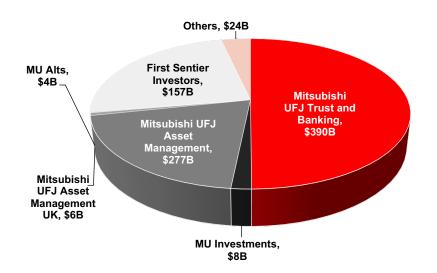
MUFG has approx: \$861B in AUM as of (09/30/2024)

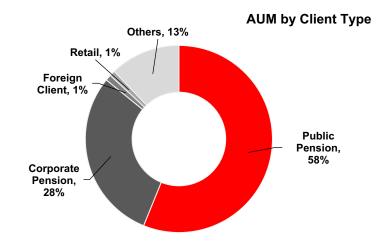


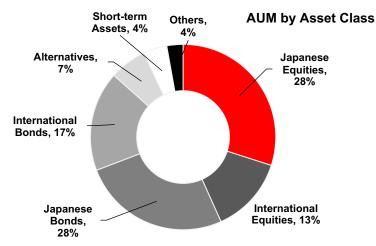
# MUFG – Asset Management Related Business

## **MUFG Total AUM: USD \$861B**

MUFG's asset management related business, as of September 30, 2024







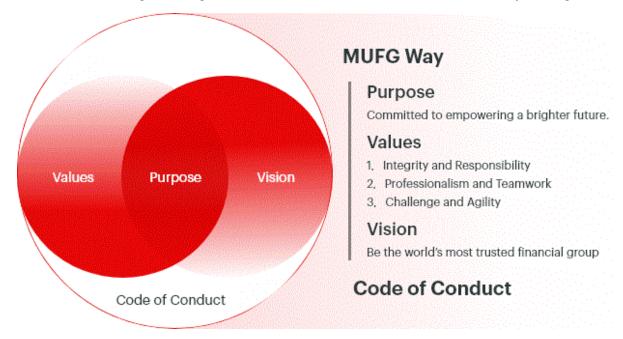
Source: Mitsubishi UFJ Trust and Banking Corporation



# MUFG Way

- MUFG Way serves as the basic policy in conducting our business activities and provides guidelines for all group activities.
- MUFG Way also is the foundation for management decisions, including the formulation of management strategies and management plans and serves as the core value for all employees.

We act on these values to nourish our growth and to support our longstanding commitment to serve customers and society at large.



# MUFG - Our Mission, Vision and Values

# Our Mission, Vision and Values Make Us Unique and Provide the Foundation for Our Business

- Strive to be a foundation of strength, committed to meeting the needs of our customers, serving society, and fostering shared and sustainable growth for a better world.
- Working together to achieve our vision of becoming the world's most trusted financial group.

#### Our values reflect who we are and guide how we behave:

- Integrity and responsibility
  - Strive to be fair, transparent, and honest. Always act responsibly in the best interests of customers and society, building long-term stakeholder relationships and giving back to our communities.
- · Professionalism and teamwork
  - Respect the diversity of our fellow workers and foster a strong spirit of teamwork. Expect the highest levels of professionalism.
- Challenge ourselves to grow
  - Adopt a global perspective to anticipate trends and opportunities for growth. Create and sustain a responsive and dynamic workplace, where everyone can focus on providing outstanding customer service and embrace new challenges.



# The Small Cap Equity Market

- Japanese Equity Markets are dominated by Small Cap/Micro-Cap companies 3000 out of 3500 listed companies.
- 2 Historically, Small Cap/Micro-Cap stocks outperform Large Cap Stocks nimble companies with a competitive edge can thrive even in mature markets, especially when backed by structural or cyclical growth factors.
- But Small Cap/Micro-Cap markets tend to be inefficient companies are under-researched and under-followed by sell-side analysts at major brokerage and advisory firms.

## Take Away:

The MUFG Japan Small Cap Equity team currently manages approximately \$1.2B USD\*

\*Including \$75.6 Million (USD) as of 12/31/2024 in the Japan Small Cap Equity Strategy – Small Cap Focus Composite. This material is intended as a broad overview of the Portfolio Manager's style and investment process and is subject to change without notice. See additional disclosures at the end of this document, which are an important part of this presentation. No downside protection or upside participation can be guaranteed. All data as of 06/30/2024, unless otherwise noted.

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# Investment Philosophy

# Seeking Overlooked Value in Under Researched Categories

Inefficiency: Small cap equity market is inefficient, where many attractive companies are overlooked by investors

Lack of sell-side coverage

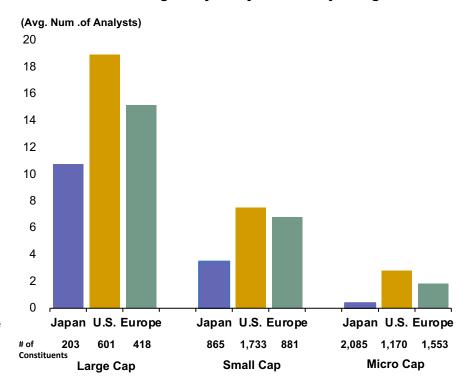
Opportunities: Supply chain analysis provides opportunities for investment in high-growth companies

- Major source of investment ideas

Competitiveness: Companies with competitive advantages achieve solid earnings growth even in mature markets

 Main source of alpha generation. We seek to initiate investments in companies before their competitive advantages and growth potential are recognized by the broader market.

#### Number of Covering Analysts by Size in Major Region



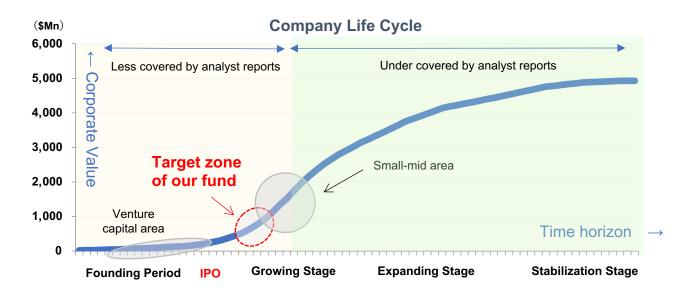
(Source) MUFG: Trust Bank, from MSCI, FactSet. Note: Universes are companies in MSCI USA Index, MSCI Europe Index and MSCI Japan Index; data as of Jun. 2024.



# **Investment Philosophy**

# The Small and Mid Cap investment team seeks to identify:

- Pioneering, market creating, innovative companies with long-term growth potential, attractive valuations and improving corporate governance
- Sustainable secular growth stories: ideally those which are shielded from economic cyclicality. Short-term cyclical themes that may grow in the early stage of an economic recovery; i.e., Financials and Real Estate are also considered
- Companies with limited to no sell-side coverage; thus, market inefficiencies can be exploited and 'hidden gems' uncovered

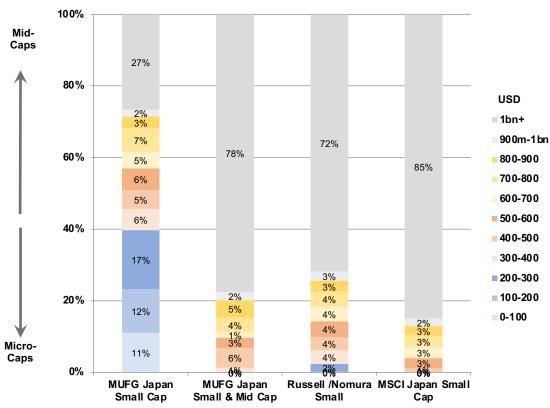




# Investment Philosophy – Early-Stage Entry

# **Portfolio Composition by Market Cap**

Japan Small Cap Equity vs. Russell/Nomura Small Cap Index and MSCI Japan Small Cap\*



Market Cap (USD mil)	MUFG	RNS	MSCI JPSC
Weighted Average	877.4	1,869.4	2,798.
Median	279.6	729.6	1,181.0
Max.	4,448.7	5,027.7	9,164.1
Min.	23.81	88.0	300.4
# of Stocks	128	1049	829

<sup>\*</sup>Based on representative portfolio. Total portfolio composition may not add up to 100% because of rounding. This material is intended as a broad overview of the Portfolio Manager's style and investment process and is subject to change without notice. See additional disclosures at the end of this document, which are an important part of this presentation. No downside protection or upside participation can be guaranteed. All data as of 12/31/2024, unless otherwise noted.



# Investment Strategy – Investment Themes

We employ a "thematic approach" to efficiently identify attractive small-cap stocks.

• The investment team focuses on companies with pioneering business models and long-term growth potential through economic cycles at reasonable valuations.

#### **Investment Theme Overview**



# Investment Strategy – Theme Weight

# **Weightings of Investment Themes**

- The portfolio invests across **18 different themes**. Sub-themes are then utilized to diversify our holdings within a theme.
- The team does not set a cap or floor on each theme when constructing the portfolio, as the allocation decision is a consequence of our bottom-up stock selection.
- However, theme weights are monitored frequently to ensure the portfolio is truly diversified and to protect against correlated thematic risks.
- We do not intend to take additional risks against the benchmark in the domestic-overseas exposure and consider the domestic-overseas exposure neutral.



2018	2018	2018	2018 2018		2018	2018
Medical/Nursing Care	Medical/Nursing Care	Medical/Nursing Care	Automotive		Automotive	Capital Expenditure
National Resilience	National Resilience	Entertainment/S NS	Semiconductors	Automotive	Capital Expenditure	High Mature Growth Winners
High Mature Growth Winners	High Mature Growth Winners	Semiconductors	Capital Expenditure	National Resilience	National Resilience	Monetary Policy
Semiconductors	Automotive	National Resilience	Entertainment/S NS	Medical/Nursing Care	Semiconductors	National Resilience
Capital Expenditure	Semiconductors	Automotive	National Resilience	Semiconductors	High Mature Growth Winners	Automotive
47.4%	47.7%	45.8%	48.4%	45.2%	45.1%	46.0%

# Investment Process – Stock Selection



#### **Quantitative Screening**

Criteria: Market-cap, credit risk, etc.

## **Qualitative Screening**

- Criteria: Investment theme, earnings growth, profitability, etc.
- Investment theme: Generated through an investment committee and ongoing dialogue/debate.

#### **Company Interviews**

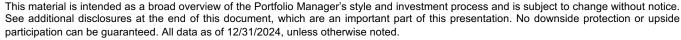
- Investment candidates: Selected based on conviction for earnings growth over economic cycles.
- Fund manager/Analyst: Responsible for stock selection with his/her own theme coverage.
- Over 1,000 company interviews a year.

#### **Stock Selection**

- Long-term structural growth themes: To achieve higher return rate.
- Short-term cyclical themes: To grow in an early stage of economic recovery (i.e., Financials/Real Estate).

#### **Final Stock Selection**

- > 100-130 stocks
- +/- 20 investment themes: With numerous sub-themes for diversification.
- Stock weightings: Fund manager's conviction level.
- Daily return/attribution analysis: Conducted on each theme/sub-theme determining the validity.



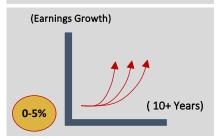


# Investment Process – Our Approach to Valuations

- We look at valuation metrics in consideration to growth stage/speed, business model, theme, and sector
- Investment team sets and reviews a target price for each holding stock.
- Valuation metrics; PSR, PER, PBR, ROE, Payout Ratio, Dividend Yield etc.

## Classification by earnings growth pattern

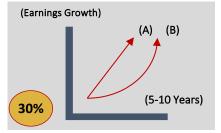
## 1. Initial/Early Investment



Initial Investment with low liquidity (10-30 bps stock weight)

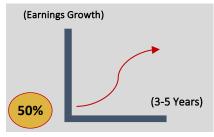
Seeking investment timing

#### 2. Long-term High Growth



- (A) High Quality Growth
- High ROE, High sales growth
- (B) Strong Growth
- Taking market shares regardless of profitability/deficits

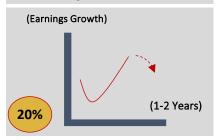
#### 3. Standard Growth



Stable Growth with lower earnings volatility

- Solid market share
- Innovations
- · Advantages in niche markets

#### 4. Cyclical Growth



Investment at recovery phases

Earnings fluctuate due to cyclical factors (e.g. Interest rate cycle, Capex cycle etc.)

Focus more on Valuation

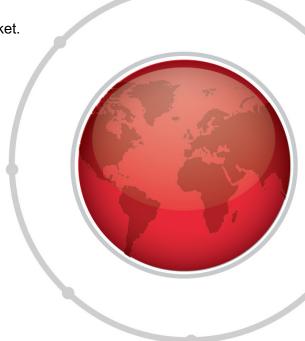
# Focus more on Earnings Growth



# Investment Process – Sell Discipline

# A stock holding is typically trimmed/sold when:

- The company is unable to adapt to macroeconomic/industry forces.
- The company repeatedly underperforms expectations and there is no specific reason why this will change.
- The long-term earning potential is recognized by other investors:
  - The company is upgraded from Standard/Growth Market to Prime Market.
  - Sell-side coverage is initiated that stretches the valuations.



# Investment Performance – Japan Small Cap Equity Strategy-Small Focus Composite

# Consistent Excess Return: Our Japan Small Cap Equity Strategy-Small Focus Composite has Outperformed the Market Through the Life of the Strategy

Return (USD) % as of 12/31/2024	1 Mon*	3 Mon*	6 Mon*	YTD*	1 Yr	3 Yr	5 Yr	7 Yr	10 Yr	Since Incept.
Japan Small Cap Equity Gross**	-1.80	-5.73	-0.44	0.06	0.06	-2.94	4.08	3.04	10.41	8.99
Japan Small Cap Equity Net***	-1.86	-5.90	-0.81	-0.68	-0.68	-3.66	3.31	2.27	9.59	8.18
Russell/Nomura Small Cap Index	-1.29	-4.88	5.81	4.38	4.38	2.16	1.60	0.75	5.91	4.09
Excess Return (Net – Russell/Nomura)	-0.57	-1.02	-6.62	-5.06	-5.06	-5.82	1.71	1.52	3.68	4.09
Ex-Return (Gross - RNS)	-0.51	-0.85	-6.24	-4.32	-4.32	-5.10	2.48	2.29	4.50	4.90

Source: Mitsubishi UFJ Trust and Banking Corporation, Bloomberg



<sup>\*</sup> Returns for periods under one year are not annualized.

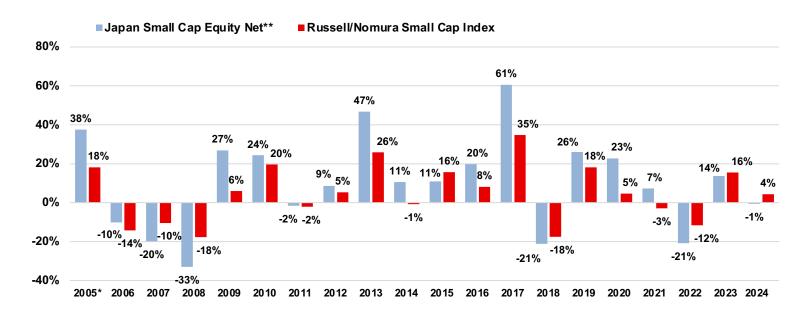
<sup>\*\*</sup> Gross returns are presented before management and custodial fees, but after all trading expenses, and reflect the reinvestment of dividends and other income.

<sup>\*\*\*</sup>Net returns are net of investment management fees in effect for the respective time period and are derived using the maximum highest published rate.

<sup>+</sup>Composite inception date: October 1, 2005

# Investment Performance – Japan Small Cap Equity Strategy-Small Focus Composite

#### Annual Total Returns vs Russell/Nomura Small Cap Index

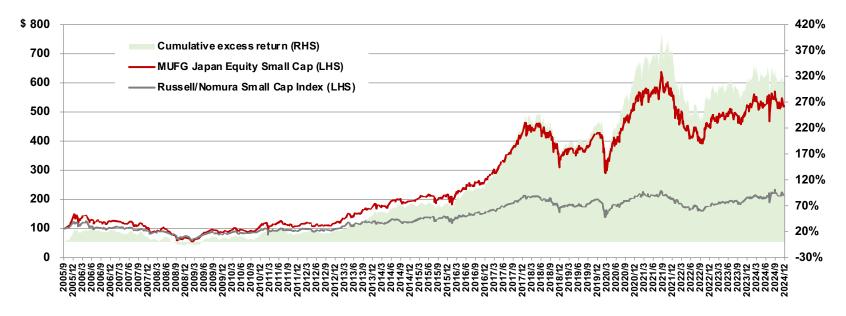


<sup>\*\*</sup>Net returns are net of investment management fees in effect for the respective period and are derived using the maximum highest published rate. Source: Mitsubishi UFJ Trust and Banking Corporation, Bloomberg



# Historical Performance – Cumulative Excess Returns (USD)

## Japan Small Cap Equity (Net\*) vs Russell/Nomura Small Cap Index



Source: Mitsubishi UFJ Trust and Banking Corporation, Bloomberg.

Note: Past performance is not necessarily a guide to future performance. The value of assets can go down.



<sup>\*</sup> Net returns are net of investment management fees in effect for the respective period and are derived using the maximum highest published rate.

# Investment Team



Yoshiro Mizukami, CMA\*
Chief Portfolio Manager, Head of
Japan Small Cap Equity Team
Mitsubishi UFJ Trust and Banking
Corporation, Equity Investment

Division

**Investment Experience:** 31 years

#### Mr. Mizukami Structured the Current Small Cap Equity Team in October 2002

- Charter member of the Securities Analysts Assoc. of Japan (CMA)
- Bachelors Degree in Science and Engineering from Waseda University

#### **Previous Employment:**

2005-Present: Fund Manager, Japan Small Cap Equity, Mitsubishi UFJ Trust and Banking

2002-2005: Analyst, Japan Small Cap Equity, Mitsubishi Trust and Banking Corporation

1999-2002: Japan Equity Analyst, Mitsubishi Securities

1997-1999: Japan Equity Analyst

1995-1997: Systems

1993-1995: Quantitative Research

1990-1993: Administration, Mitsubishi UFJ Trust and Banking Corporation



<sup>\*</sup> Chartered Member of the Securities Analysts Association of Japan. Source: Mitsubishi UFJ Trust and Banking Corporation.

# Our Team's Experience and Expertise

# Leverage Our Small Cap/Micro-Cap Experience

- 20 years of experience analyzing and investing in Japanese Small Cap/Micro-Cap companies.
- Dedicated, "on-the-ground" research team in continuous contact with many companies in the category – 1,000 per year on average.
- Experience-based holistic understanding of the Japanese economy, Japanese companies and industry supply chains.
- Proprietary Small Cap/Micro-Cap research and industry supply chain analysis.
- Focus on strategic growth opportunities companies in early stages of growth, those taking advantage of market inefficiencies, strong M&A candidates.

# Japan Small Cap Investment Team



Yoshiro Mizukami, CMA

Investment Experience

33 years



Yoshitaka Nagano, СМА

25 years



Kazunori Yanagimoto.

6 years



Ryu Ota, **CMA** 

6 years



Koichi Kano, CMA

4 years

Theme Analyst

Theme Analyst

Role

Chief Fund Manager / Theme Analyst

Fund Manager / Theme Analyst

Theme Analyst

Theme Coverage **Examples** 

- Semiconductors
- Automotive
- Human Resources & Outsourcing
- High Mature **Growth Winners**
- ➤ LCD TV/PC/Smart Phone
- Automotive
- National Resilience
- Real Estate
- National Resilience
- Monetary Policy
- Capital Expenditure
- Succession Planning/M&A
- Medical/Nursin g Care
- Human Resources & Outsourcing
- FinTech

High Mature Growth

- Winners Medical/Nursi ng Care
- Entertainment /SNS

**Further Investment Resources** 

**Trading** 

**Sector Analyst** (Large- & Midcaps)

Risk Management **Exercise voting** rights

**Economic** Research

Performance **Analytics** 

Stewardship Committee

**ESG** Development Department

Sustainability

- Construction &
- Financials

- IT
- Financials
- Consumer
- Health Care
- Consumer Staples
- Communicati on Services

**GICS Sector** Coverage **Examples** 

- IT
- Industrials
- Consumer Disc.
- Materials
- Materials
- Utilities Industrials
- Real Estate
- Real Estate
- Engineering
- Transportation

- Materials
- Disc.

- Consumer Disc.

**ESG Database** 

Committee

<sup>\*</sup> Chartered Member of the Securities Analysts Association of Japan. Source: Source: Mitsubishi UFJ Trust and Banking Corporation. Investment team subject to change.



Real Estate

# **Terms and Conditions**

Japan Small Cap Equity Strategy Facts					
Benchmark	Russell/Nomura Small Cap*				
Tracking Error	8.16% (since inception as of 12/31/2024)				
Target Return	Around 5% excess return				
Number of Holdings	128 (as of 12/31/2024)				
Active Share	94.28% (as of 12/31/2024)				
Portfolio Turnover	10.18% (Last 12M as of 12/31/2024)				
AUM	Strategy AUM: \$1.23B USD (as of 12/31/2024) Composite AUM: \$75.57M USD (as of12/31/2024)				
Advisor	Clearbrook Investment Consulting				
Sub-Advisor	Mitsubishi UFJ Trust and Banking Corporation				

Separately Managed Accounts				
Minimum Subscription \$50 Million (Negotiable)				
Management Fee	75 Bps**			
Liquidation of Account One week				

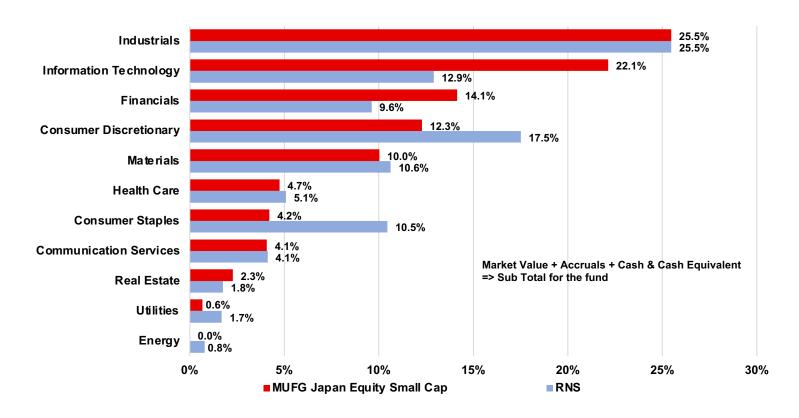
<sup>\*\*</sup> Management fee charged is at the discretion of Clearbrook Investment Consulting

# Appendix



# Sector Exposure

# Sector Exposure by Global Industry Classification Standard (GICS)



Source: Mahindra Insurance Brokers Ltd. (MIBL), Bloomberg



# Portfolio Characteristics

	Japan Small Cap Equity Strategy – Small Focus Composite*	Russell/Nomura Small Cap Index
Number of Holdings	128	1,049
Weighted Avg. Market Cap. (\$)	887.4M	1.87B
P/E	13.98	14.71
P/B	1.13	1.12
ROE %	11.26	10.42
Dividend Yield %	2.59	2.64

<sup>\*</sup> Based on representative portfolio.

# **Return Based Statistics**

# Japan Small Cap Equity Strategy – Small Cap Composite vs. Russell/Nomura Small Cap Index

	1 Yr	3 Yr	5 Yr	10 Yr	Since Incept.
Excess Return (USD, Net) %	-5.06	-5.82	1.71	3.68	4.09
Beta	0.92	1.16	1.13	1.12	1.20
Information Ratio	-1.02	-0.83	0.24	0.53	0.50
Sharpe Ratio*	-0.06	-0.21	0.18	0.57	0.43
Tracking Error %	4.97	7.00	7.12	6.95	8.16
Standard Deviation (Portfolio) %	11.72	17.77	18.50	16.83	19.06
Standard Deviation (Index) %	11.59	14.26	15.16	13.71	14.54
Upside & Downside Capture Ratios					
	1 Yr	3 Yr	5 Yr	10 Yr	Since Incept.
Upside Capture Ratio	79.80	99.04	117.06	118.58	130.42
Downside Capture Ratio	113.26	122.21	105.09	99.58	106.28

<sup>\*</sup> Sharpe Ratio: the risk-free rate is not used in the calculation. The calculation shown here represents Portfolio Return divided by Portfolio Standard Deviation.





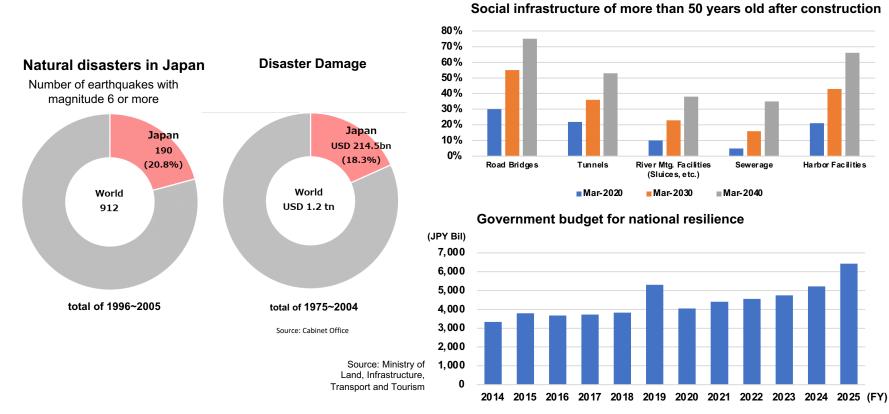
# Risk Profile on Barra Model Relative to the Russell/Nomura Small Cap Index

Size	-0.59	Size
Non-Linear Size	-1.55	Liquidity 12 Non-linear Size
Membership in Nk225 indicator	-0.13	0.6
Momentum	-0.05	Prospect 0.0 Membership in Nk225 Indicator
Short-Term Reversal	-0.15	12
Long-Term Reversal	0.33	Residual Volatility Momentum
Industry Momentum	0.03	
Beta	0.18	Beta Short-term Reversal
Residual Volatility	0.26	Industry Momentum Long-term Reversal
Prospect	-0.15	——— Dec-24
Liquidity	-0.22	Value Sep-24
Value	-0.16	Macro Sensitivity 0.3 Eamings Yield
Earnings Yield	0.11	os Lamings Heid
Financial Leverage	-0.13	
Earnings Quality	-0.28	Foreign Sensitivity -0.3 Financial Leverage
Management	0.00	0.5
Sentiment	0.07	
Growth	0.19	Growth Eamings Quality
Foreign Sensitivity	-0.07	Sentiment Management
Macro Sensitivity	0.36	Source: Barra



# Investment Theme - National Resilience Plan

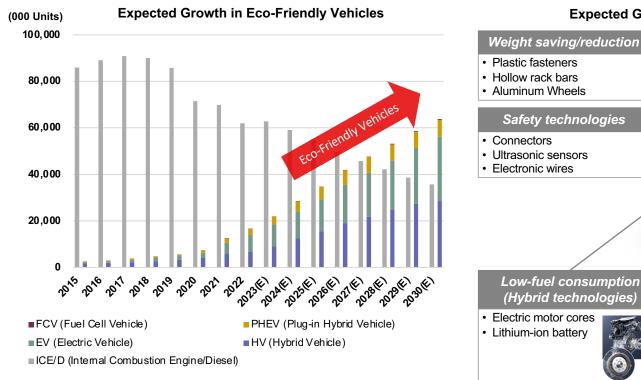
- In Japan, natural disasters such as earthquakes occur frequently. Disaster prevention and mitigation measures are required to minimize damage.
- Social infrastructure, which plays a key role in disaster prevention and mitigation, is aging.
   The government is increasing its budget every year in order to promote national resilience.





# Investment Theme – Automotive

# Smart Electronics, Including Safety Technology is a Key Growth Driver for our Holdings



Source: Mazda, Subaru, Nissan Motor, Volkswagen, Toyota Motor, Koito, Iriso Electronics, Source: Mitsubishi UFJ Trust and Banking Corporation

(Source) Nomura Securities Co., Ltd., MUFG: Trust Bank (Note) Figures from 2023 to 2030 are estimated data.

#### **Expected Growth in Eco-Friendly Vehicles**



## Low-fuel consumption (Hybrid technologies)



#### Power-saving technologies: (LED headlights)

LEXUS LS600hL

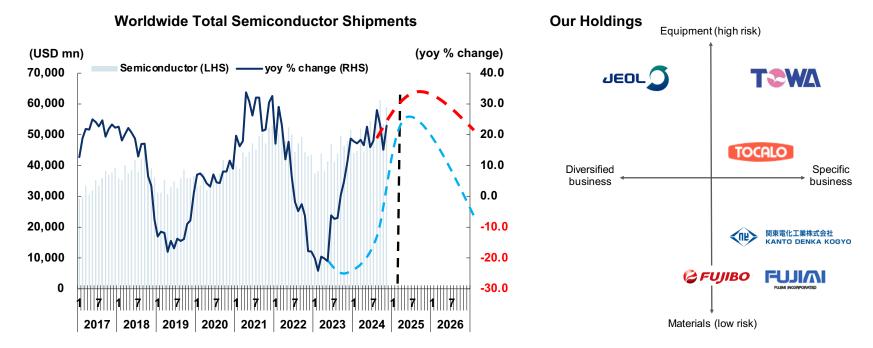
**Electronics Manufacturing** Services (EMS)

Source: Toyota, Source: Mitsubishi UFJ Trust and Banking Corporation



# Investment Theme - Semiconductors

- Once the demand in the existing applications, such as smart phones, PCs, and automotives recover, we believe
  the silicon cycle may peak in FY2025, with AI demand pushing the trend higher.
- Our semiconductor holdings can be categorized as in the chart below. In general, Equipment manufacturers, which are affected by capital investment, are volatile, while Material suppliers, which are affected by production capability, are relatively less volatile.
- Hence, Equipment manufacturers are relatively more affected than Material suppliers by external pressures such as the declining capital investment in China's in-house manufacturing and Trump's export restriction.

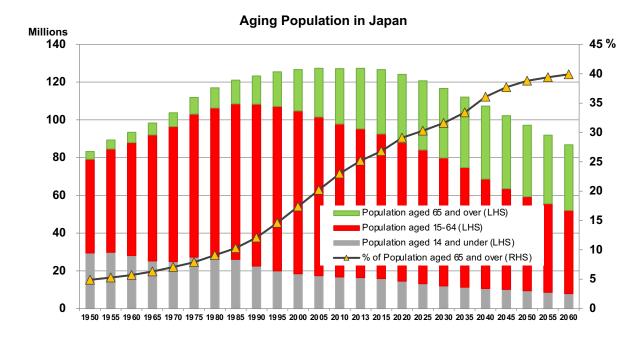




# Investment Theme - Human Resources and Outsourcing

## The Japanese Labor Market is Tight Due to Demographics of a Rapidly Aging Society

We focus on stocks that will benefit from a tight labor market and increased mobility of human resources: 1) Staffing agencies for manufacturers, 2) Professional placement firms, 3) Call centers/BPO, and 4) Job fairs for new recruits.



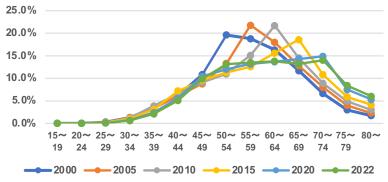
Source: Mitsubishi UFJ Morgan Stanley Securities, Mitsubishi UFJ Trust and Banking Corporation



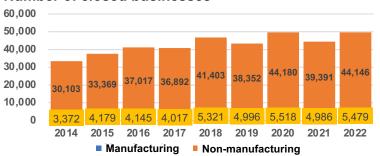
# Investment Theme – Succession Planning and M&A

- In Japan, the M&A intermediary market is expanding on the back of business succession needs due to the aging of management. The number of M&A transactions is expected to continue to increase as baby boomers approach the age of 70 and above, as they consider business succession.
- The M&A intermediary industry needs to be revitalized as a national policy. Although the revisions of the "SME M&A Guideline" in 2024 were within expectations, the M&A intermediary market is undergoing a re-evaluation phase.

#### Age distribution of SME owners by age group



#### Number of closed businesses



#### Regulatory discussions from the past

Nov 2020	The Small and Medium Enterprise Agency started "a study group on management resource consolidation of SMEs" to discuss about improving the industry environment of M&A transactions for SMEs.
Dec 2020	Taro Kono, Minister of State for Regulatory Reform at that time, pointed out that intermediary businesses that receive compensation from both the seller and the buyer have conflict of interest issues.
Apr 2021	A plan to promote SME M&A, including a registration system for intermediaries and the establishment of a self-regulatory organization, M&A Intermediaries Association, was compiled.
Mar 2024	Conflict of interest issues among the M&A intermediaries were brought up at "a New Form of Capitalism Meeting" by the government.
Jun 2024	The Small and Medium Enterprise Agency announced to revise the SME M&A guideline to include explanation of compensations, clarification of the prohibitions on conflict of interest, treatment of management guarantees, and prohibitions on excessive sales.
4 0004	The M&A Intermediaries Association announced to strengthen its initiatives to prevent unfair transactions.
Aug 2024	The Smal and Medium Enterprise Agency revised the SME M&A guideline from the viewpoint of addressing issues such as conflict of interest, management guarantees, excessive sales and advertising.

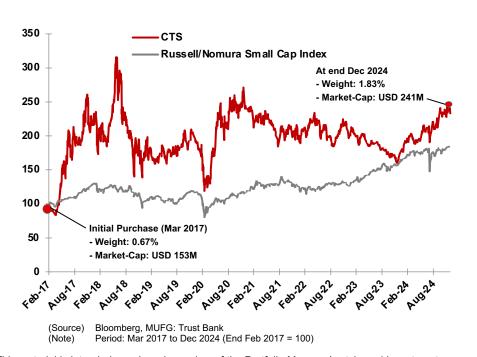
Source: The Small and Medium Enterprise Agency



# Investment Case Study - Construction Total Support

#### Theme: National Resilience

- CTS service, is a leading one-stop service provider of Information and Communication Technology (ICT) solutions to construction. It provides information sharing systems, high-tech land survey equipment with the use of Unmanned Aerial Vehicles (UAVs) and 3D mapping technologies.
- As Japan's Ministry of Land, Infrastructure, Transport and Tourism announced "i-Construction 2.0" in April 2024 aiming for the automation in the construction industry, we expect the company to benefit from the increasing demand of digital transformation.



# Firm's main growth drivers

#### 1. Digital Data Services (DDS)

Rental and sales of IT infrastructure services. One of its services, "fileforce", is an evolutionary cloud storage for the construction industry.



## 2. Surveying Measurement System (SMS)

Rental and sales of surveying and measurement systems and OCT construction-related systems.





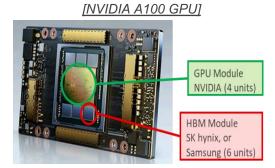
3D laser scanner

(Source) company website

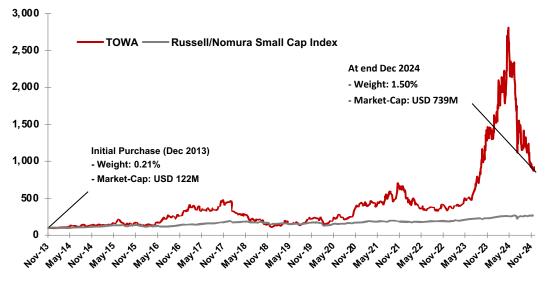


# Investment Case Study - Towa

- A leading manufacturer in the semiconductor molding equipment market.
   Molding technologies are for sealing semiconductors to ensure reliability by electrically insulating them from the outside using a resin.
- We continue to expect mid-to-long term growth in the molding equipment, buoyed by the surging demand for accelerated computing for generative Al applications.



Source: NVIDIA website



- TOWA designs, manufactures, and distributes compression molding equipment for High Bandwidth Memory module manufacturers such as SK Hynix and Samsung. The firm has recently received numerous inquiries from HBM module manufacturers, due to the huge demand for graphics processing units (GPUs) manufactured by NVIDIA, a winner in the computing power race required for generative AI.
- In Sep 2023, TOWA introduced a new semiconductor molding equipment model to optimize the production of high-performance packages for generative Al. The new model is expected to have a productivity rate approximately three times higher than previous models.

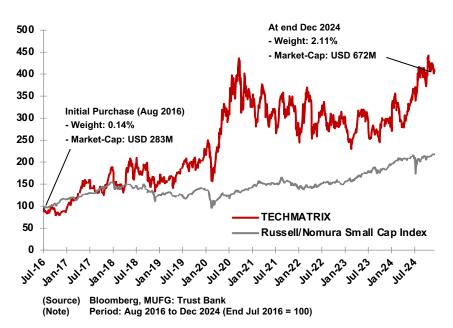
(Source) Bloomberg, MUFG: Trust Bank (Note) Period: Dec 2013 to December end 2024 (End Nov 2013 = 100)



# Investment Case Study – TechMatrix

#### **Theme: Capital Expenditure**

- A systems integration company that has strength in IT systems, medical, and finance. The company name *TechMatrix* comes from the concept, "matrix of technologies and vertical markets." The vertical axis of the matrix represents industry-specific markets (medical, call center, education, finance, automobile, etc.) and the horizontal axis represents technologies such as application, middleware, and infrastructure.
- TechMatrix is accelerating its growth through "alliances/M&As" and "strengthening of overseas business". In particular, the
  merger with PSP Corporation in the Medical System Business conducted in 2023, provided a major impetus for expanding its
  market share in the core market of medical imaging systems PACS: (Picture Archiving and Communication System).



# Firm's main growth drivers

#### 1. Information Infrastructure Business

- Cutting-edge network and cybersecurity solutions
- > Safe information infrastructure
- Around-the-clock operation monitoring service

#### 2. Application Service Business

- Testing tools for quality assurance of embedded software of the IoT era
- Online services and solutions in the field of finance

#### 3. Medical Systems Business

- Medical imaging system
- Al medical diagnosis support services
- > Remote image reading platforms



(Source) company website



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# **Contact Information**

**Elliott Wislar** 

Chief Executive Officer

**Clearbrook Investment Consulting** 

21 West 46th St

Suite1507

New York, NY 10036

T: 609.529.0189

E: ewislar@clrbrk.com

Natasha Koprivica

Senior Advisor

**Clearbrook Investment Consulting** 

21 West 46th St

Suite1507

New York, NY 10036

T: 857.919.1048

E: nkoprivica@clrbrk.com

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