

Introduction

We are pleased to share our Packaging Solutions Industry Multiples Valuation Update for Q3 2024.

At Seale & Associates, we are committed to providing process-driven solutions designed to optimize value and achieve our client's strategic objectives in a range of transactions, including Mergers, Acquisitions, Divestitures and Carve-Outs, Business Sales, Recapitalizations, and Joint Ventures, among other corporate finance and strategy consulting services.

Over the course of 25+ years, we have successfully served clients all over the world, and we are delighted to continue providing investment banking advisory services to our clients who are looking to grow through acquisitions or optimize their portfolios through strategic divestitures.

Seale has extensive experience advising leading multinational companies, private equity firms, and family-owned businesses across a wide range of industries.



James A. Seale | President jseale@sealeassociates.com



Brett M. Carmel | Senior Managing Director bcarmel@sealeassociates.com



Robert Whitney | Managing Director rwhitney@sealeassociates.com



Sergio Garcia del Bosque | Managing Director sgarcia@sealeassociates.com



Carlos Hernández Goudet | Managing Director chernandez@sealeassociates.com



Alejandro Montemayor | Vice President amontemayor@sealeassociates.com



Armando Rios | Vice President arios@sealeassociates.com

Packaging Solutions Industry Overview, M&A Trends and Market Intelligence

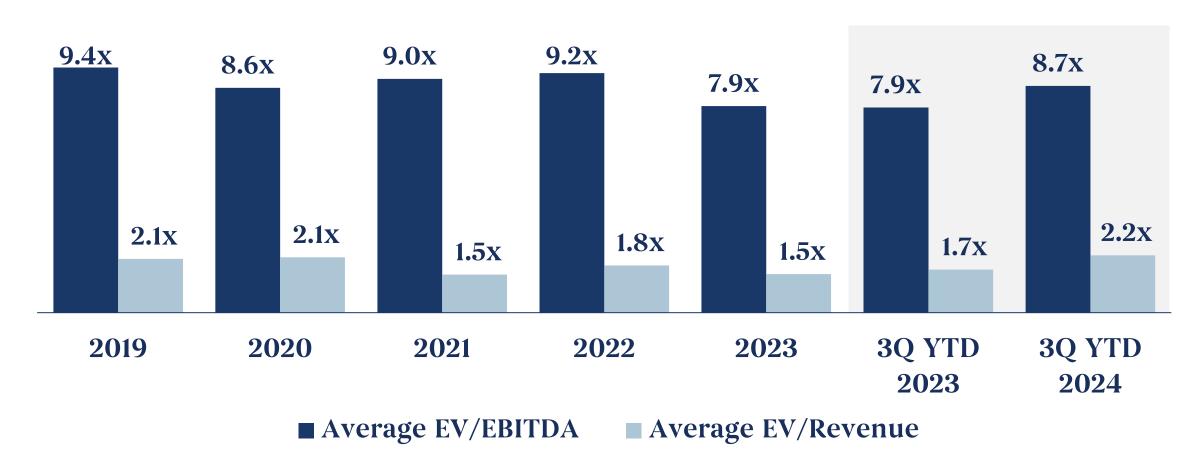
Packaging Solutions overview

- The global packaging solutions market witnessed a dramatic increase in deal value in Q1 2024, reaching over US\$23.0B
- In 2024, **M&A activity** in the packaging sector has been characterized by an increase in **mega-deals**, driven by companies seeking to consolidate their market positions and achieve scale. These transactions often focus on expanding global footprints, enhancing technological capabilities, and addressing sustainability demands. Additionally, there has been a notable shift towards **cross-border transactions** as companies look to diversify their geographical reach
- The industry is seeing a rise in deals driven by advancements in technology.
 Internet of Things (IoT)-enabled packaging solutions are being adopted to improve efficiency by tracking product location and monitoring conditions in real-time. Nanotechnology is being used to create ultra-effective barrier solutions for longer product freshness, particularly in food and medical segments
- Key trends in packaging include a focus on sustainability with eco-friendly materials, rising demand for secure e-commerce packaging, a growing preference for premium solutions, and increased adoption of digital printing for personalized packaging. Smart packaging, integrating sensors and tracking technologies are enhancing product monitoring and logistics efficiency
- In terms of **end-use**, the largest segments are food and beverage, followed by pharmaceuticals and healthcare, consumer goods, industrial goods, and others
- M&A activity is also driven by geographical expansion as companies seek to enter new markets or strengthen their presence in existing ones. This is coupled with a focus on diversifying product offerings to meet varying consumer demands

Packaging Solutions Industry M&A Deal Size and Volume



Packaging Solutions Industry M&A Average EV/EBITDA and EV/Revenue



Diversified Packaging Global Comparable Public Companies

Company		Country	Market Cap.	Enterprise Value	Revenue	EBITDA	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2024	
			US\$M	US\$M	US\$M	Margin	2022	2023	EV/ EBITDA	EV/ Revenue
CCL Industries Inc.	CCL	CAN	\$10,863	\$12,166	\$5,252	20.4%	10.5x	9.9x	11.4x	2.3x
Crown Holdings, Inc.	CROWN Brand-Building Packaging™	USA	\$11,428	\$18,113	\$11,756	15.9%	41.6x	13.3x	9.7x	1.5x
Dongwon Systems Corporation	Dongwon	KOR	\$975	\$1,275	\$989	13.4%	11.7x	8.8x	9.6x	1.3x
Greif, Inc.	GREIF	USA	\$3,109	\$6,333	\$5,339	14.5%	5.9x	6.0x	8.2x	1.2x
Richards Packaging Income Fund	RICHARDS	CAN	\$259	\$289	\$305	16.3%	7.9x	6.9x	5.8x	0.9x
Toyo Seikan Group Holdings, Ltd.	Toyo Seikan Group Holdings, Ltd.	JPN	\$2,691	\$3,684	\$6,582	10.3%	3.7x	7.3x	5.5x	0.6x
TriMas Corporation	TriMas	USA	\$1,038	\$1,479	\$907	16.4%	9.6x	10.4x	9.9x	1.6x
Winpak Ltd.	WINPAH	C AN	\$2,217	\$1,767	\$1,121	20.2%	8.9x	7.0x	7.8x	1.6x
Excluded from mean and median						Mean		8.0x	8.5x	1.5x
						Median	9.2x	8.0x	8.9x	1.4x

Glass Packaging Global Comparable Public Companies

Company			Market	Enterprise Value	Revenue	EBITDA	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2024	
		Country	Cap. US\$M	US\$M	US\$M	Margin	2022	2023	EV/ EBITDA	EV/ Revenue
Cristalerías de Chile S.A.	Cristalchile	CHL	\$196	\$650	\$441	10.3%	7.9x	13.3x	14.3x	1.5x
Ishizuka Glass Co., Ltd.	SISHIZUKA	JPN	\$69	\$253	\$397	14.4%	4.3x	5.6x	4.4x	0.6x
Nihon Yamamura Glass Co., Ltd.	NIHON YAMAMURA GLASS CO.,LTD.	JPN	\$108	\$198	\$515	9.3%	57.5x	19.5x	4.1x	0.4x
O-I Glass, Inc.		USA	\$2,038	\$6,515	\$6,643	18.8%	5.4x	5.7x	5.2x	1.0x
Verallia Société Anonyme	verallia	FRA	\$3,451	\$5,389	\$3,932	27.1%	5.6x	5.7x	5.1x	1.4×
Vetropack Holding AG	vetropack &	CHE	\$746	\$990	\$1,036	15.9%	4.5x	5.1x	6.0x	1.0x
Vidrala, S.A.	vidrala	ESP	\$3,642	\$4,176	\$1,877	24.1%	9.1x	10.2x	9.2x	2.2x
Vitro, S.A.B. de C.V.		MEX	\$216	\$285	\$292	NM	5.5x	4.2x	NM	1.0x
Zignago Vetro S.p.A.	ZIGNAGO VETRO	ITA	\$1,081	\$1,325	\$519	31.7%	11.9x	10.3x	8.1x	2.6x
Excluded from mean and median						Mean Median	6.8x 5.6x	7.5x 5.7x	6.0x 5.6x	1.4x 1.0x

Metal Packaging Global Comparable Public Companies

Company	Country		Enterprise Value	Revenue	EBITDA	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2024		
Company		Country Cap. US\$M		US\$M	US\$M	Margin	2022	2023	EV/ EBITDA	EV/ Revenue
Ardagh Metal Packaging S.A.	ArdaghGroup 🥏	LUX	\$2,253	\$5,898	\$4,845	14.3%	9.8x	8.8x	8.5x	1.2x
Ball Corporation	Ball	USA	\$20,615	\$25,459	\$13,785	16.1%	13.5x	12.5x	11.5×	1.8x
Hokkan Holdings Limited	HOKKAN HOLDINGS LIMITED	JPN	\$147	\$420	\$646	12.8%	7.5×	7.4×	5.1x	0.6x
Silgan Holdings Inc.	SILGAN	USA	\$5,606	\$9,232	\$5,784	16.5%	9.1x	8.5x	9.7x	1.6x
Excluded from mean and median						Mean	8.8x	8.2x	9.1x	1.6x
						Median	9.4x	8.7x	9.1x	1.4x

Plastic Packaging Global Comparable Public Companies

Company		Country	Market Cap.	Enterprise Value	Revenue	EBITDA	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2024	
Company			US\$M	US\$M	US\$M	Margin	2022	2023	EV/ EBITDA	EV/ Revenue
AptarGroup, Inc.	Aptar	USA	\$10,635	\$11,570	\$3,573	21.9%	12.8x	13.5x	14.8x	3.2x
Berry Global Group, Inc.	Berry	USA	\$7,791	\$16,717	\$12,258	16.2%	7.9x	8.0x	8.4x	1.4x
FP Corporation	FP CORPORATION	JPN	\$1,615	\$2,087	\$1,593	13.3%	11.3x	10.5x	9.9x	1.3x
Fuji Seal International, Inc.	Fuji Seal International	JPN	\$958	\$845	\$1,445	11.3%	4.5x	4.9x	5.2x	0.6x
Groupe Guillin S.A.	GUILLIN we protect your food	FRA	\$604	\$592	\$965	16.2%	4.1x	5.3x	3.8x	0.6x
Myers Industries, Inc.	myers INDUSTRIES	USA	\$514	\$920	\$823	13.6%	9.9x	7.6x	8.2x	1.1x
Transcontinental Inc.	tc • transcontinental	CAN	\$1,125	\$1,828	\$2,105	15.6%	5.8x	5.5x	5.6x	0.9x
Excluded from mean and median						Mean Median	7.3x 7.9x	7.0x 7.6x	7.4x 8.2x	1.0x 1.1x

Sustainable Packaging Global Comparable Public Companies (1/3)

			Market	Enterprise Value US\$M	Revenue	EBITDA	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2024	
Company		Country	Cap. US\$M		US\$M	Margin	2022	2023	EV/ EBITDA	EV/ Revenue
Amcor plc	O amcor	CHE	\$16,364	\$23,241	\$13,550	14.8%	10.9x	10.1x	11.6x	1.7x
Avery Dennison Corporation	AVERY	USA	\$17,775	\$20,749	\$8,681	16.9%	12.9x	13.4x	14.1x	2.4x
Billerud AB (publ) BILLERUDKORSNÄS		SWE	\$2,857	\$3,469	\$4,110	8.6%	7.4x	4.8x	9.8x	0.8x
Cascades Inc.	Cascades	CAN	\$780	\$2,359	\$3,426	10.2%	7.7×	7.4x	6.7x	0.7x
DS Smith Plc	SDS Smith	GBR	\$8,538	\$11,575	\$9,144	14.8%	6.9x	5.2x	8.6x	1.3x
Elopak ASA		NOR	\$1,136	\$1,513	\$1,294	14.3%	9.2x	6.8x	8.2x	1.2x
Graphic Packaging Holding Company	Graphic Packaging	USA	\$8,880	\$14,013	\$8,961	21.3%	9.2x	6.9x	7.3x	1.6x
Huhtamäki Oyj	Huhtamaki	FIN	\$4,075	\$5,605	\$4,573	14.7%	10.2x	9.1x	8.4x	1.2x
International Paper Company	INTERNATIONAL PAPER	USA	\$16,969	\$21,958	\$18,640	12.6%	5.9x	5.8x	9.4x	1.2x
Klabin S.A.	Klabin	BRA	\$4,687	\$9,683	\$3,467	35.1%	6.6x	6.4x	8.0x	2.8x

Sustainable Packaging Global Comparable Public Companies (2/3)

			Market	Enterprise	Revenue	EBITDA	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2024	
Company		Country	Cap.	Value	US\$M	Margin			Sep. 30 EV/	D, 2024 EV/
			US\$M	US\$M			2022	2023	EBITDA	Revenue
Mayr-Melnhof Karton AG	MM	AUT	\$1,981	\$3,410	\$4,502	9.3%	9.3x	7.1×	8.2x	0.8x
Mondi plc	mondi	GBR	\$8,396	\$10,745	\$8,017	12.6%	6.8x	5.9x	10.6x	1.3x
Packaging Corporation of America	PC	USA	\$19,206	\$21,194	\$8,175	20.6%	7.7x	7.9x	12.6x	2.6x
Pactiv Evergreen Inc.	pactiv evergreen	USA	\$2,063	\$5,844	\$5,197	22.1%	7.6x	5.2x	5.1x	1.1×
Rengo Co., Ltd.	The General Packaging Industry	JPN	\$1,728	\$4,375	\$6,582	10.5%	6.4x	7.3x	6.3x	0.7x
Sealed Air Corporation	Sealed Air®	USA	\$5,288	\$9,620	\$5,397	20.6%	10.4x	8.9x	8.7x	1.8x
SIG Group AG	SIG	CHE	\$8,533	\$11,361	\$3,640	24.9%	17.1x	17.2x	12.5x	3.1x
Smurfit Westrock Plc	Smurfit Westrock	IRL	\$25,696	\$28,819	\$16,432	11.9%	7.0x	5.6x	14.8x	1.8x
Sonoco Products Company	SONOCO	USA	\$5,368	\$8,581	\$6,573	17.0%	18.5x	7.7×	7.7x	1.3x
Stora Enso Oyj		FIN	\$10,135	\$13,473	\$9,927	8.5%	7.5x	7.0x	16.0x	1.4x

Sustainable Packaging Global Comparable Public Companies (3/3)

Company	Country	Market	Enterprise Value US\$M	Revenue US\$M	EBITDA Margin	Annual Average EV/EBITDA		Third Quarter Sep. 30, 2024	
Company	Country	Cap. US\$M				2022	2023	EV/ EBITDA	EV/ Revenue
Tailim Packaging Co., Ltd.	TAILIM PACKAGING KOR	\$120	\$347	\$535	5.1%	7.4x	6.4x	12.7x	0.6x
Tomoku Co., Ltd.	Tomoku Co., Ltd. JPN	\$270	\$707	\$1,495	7.5%	5.2x	5.9x	6.3x	0.5x
Excluded from mean and median					Mean	7.9x	6.9x	8.9x	1.4x
					Median	7.6x	7.0x	8.6x	1.3×

Packaging Solutions Industry - Global Transactions

Date	Target	Country	Description	Buyer	Seller	% Acquired	Size US\$M	EV/ EBITDA	EV/ Revenue
Sep-24	capitol city container corp	USA	Welch Packaging, a provider of custom corrugated products, merged with Capitol City Container, a producer of high-quality corrugated boxes, to strengthen its position in the Midwest region	Welch Packaging Group	_	Merger	-	-	-
Sep-24	Expert Packaging Ltd	GBR	Beltline Capital , an investment firm, acquired Expert Packaging , a manufacturer of corrugated cardboard packaging	Beltline Capital Ltd	-	100.0%	-	-	-
Sep-24*	Orora Packaging Solutions	USA	Veritiv Corporation , a full-service provider of packaging and facility solutions, announced the acquisition of Orora Packaging Solutions , the packaging and distribution business of Orora Limited	Veritiv	OR RA	100.0%	\$1,200.0	9.9x	-
Aug-24	FajarPaper member of SCGP	IDN	SCGP Solutions , a subsidiary of SCG Packaging , acquired FajarPaper , a packaging paper manufacturer, to strengthen its position in the packaging market	SCGP	PT Intercipta Sempana	44.5%	\$652.4	-	4.0x
Aug-24	Woodland Packaging and Laminating Facility of Everett Graphics	USA	Mill Rock Packaging, a specialty packaging platform, acquired Everett Graphics' Woodland Packaging and Laminating Facility to enhance its operations and large- format printing capabilities	MILLROCK PACKAGING	everet+	100.0%	-	-	-
Aug-24	LIFOAM	USA	Altor Solutions , a designer and manufacturer of custom protective and cold-chain packaging solutions, acquired Lifoam Industries , a manufacturer of temperature-controlled packaging products	ALTIONS	Jadex	100.0%	\$137.0	-	-
Aug-24	Packaging Solutions	DEU	conTeyor Group, a provider of reusable packaging solutions, merged with KTP Kunststoff Palettentechnik, a producer of foldable plastic containers, to form a leading provider of returnable packaging and storage solutions	ConTeyor Group	-	Merger	-	-	-

^{*}Announced transactions pending approval and other customary clsoing conditions

Grupo Fomento Queretano

TARGET

Grupo Fomento Queretano

TRANSACTION TYPEMerger Advisory

INDUSTRIES

Consumer Products, Food and Beverage, Packaging Solutions

GEOGRAPHYQueretaro, Mexico

SITUATION

Seale & Associates was retained by the family owners of Grupo Fomento Queretano, one of the oldest family-owned Coca-Cola bottlers in Mexico, to analyze strategic alternatives for their business in the context of a changing industry landscape.

SEALE & ASSOCIATES' APPROACH

Seale presented the family with a range of strategic alternatives and outcome scenarios for a sale or merger with three industry consolidators considering the family's value, timing, and control objectives. After the family decided that a merger with Coca-Cola FEMSA was the preferred alternative, Seale ran a disciplined and expedited process to achieve the shareholder's objectives.

OUTCOME

Seale's approach resulted in a successful merger with Coca-Cola FEMSA. As a result of the merger, Grupo Fomento Queretano's shareholders received 45.1 million newly issued KOF series L shares for a total aggregate enterprise transaction value of approximately MXN\$7.6 billion (US\$580 million), including the assumption of debt.

"Their professionals provided invaluable guidance and support"



"From the very beginning of the planning process before our merger with Coca-Cola FEMSA, Seale listened and provided straightforward answers to each and every one of our family member's questions and concerns and outlined the full range of options. Their professionals provided invaluable guidance and support as they helped us to navigate the merger negotiations. We knew we could count on their trusted advice to make certain we made the best decisions for our company, our employees, and our family."

Federico Ruiz Rubio Board member and shareholder, Grupo Fomento Queretano

Grupo Tampico

TARGETGrupo Tampico

TRANSACTION TYPEMerger Advisory

INDUSTRIES

Consumer Products, Food and Beverage, Packaging Solutions

GEOGRAPHYTamaulipas, Mexico

SITUATION

Seale & Associates was retained by Grupo Tampico's shareholders to properly analyze and structure the merger of the company's beverage division with Coca-Cola FEMSA.

SEALE & ASSOCIATES' APPROACH

Seale presented the family with a range of strategic alternatives and outcome scenarios for a sale or merger with three industry consolidators, considering the family's value, timing, and control objectives. After the family decided that a merger with Coca-Cola FEMSA was the preferred alternative, Seale ran a disciplined and expedited process to achieve the shareholder's objectives.

OUTCOME

Seale's approach resulted in a successful merger with Coca-Cola FEMSA. As a result of the merger, Grupo Tampico's shareholders received 63.5 million newly issued KOF series L shares at a value of Ps. 103.20 per share. The issued KOF series L shares appreciated 19.8% to a price of MXN \$123.63 prior to closing, representing a total aggregate enterprise transaction value of MXN \$10.6 billion (approximately US\$800 million as of the closing date exchange rate).

"Seale provided our shareholders with valuable guidance"

merged its

Beverage Division

with

Coca Cola

"Seale provided our shareholders with valuable guidance on a wide range of important topics during the process and served as a trusted advisor in helping us to structure a successful merger with Coca-Cola FEMSA that met our family shareholders' objectives".

Robert Fleishman Vice President, Grupo Tampico

"We are pleased to have successfully closed this very important merger transaction in a short period of time and consolidating our position as a leader in the Mexican beverage industry".

Carlos Salazar Lomelin, Chief Executive Officer, Coca-Cola FEMSA

Sign up for M&A insights

We deliver sector-specific intelligence designed specifically for industry leaders, private equity firms, and their advisors. Our industry reports and featured articles deliver real-time access to key industry data, including:



Emerging industry trends

Quarterly reports covering 30+ industries

Monthly reports for the U.S., Mexico, and Colombia

Transaction analysis and market trends

Valuable insights for industry leaders

Receive email updates with our proprietary data, reports, and insights as they are published for the industries that matter to you the most

SUBSCRIBE

Global M&A Representative Engagements



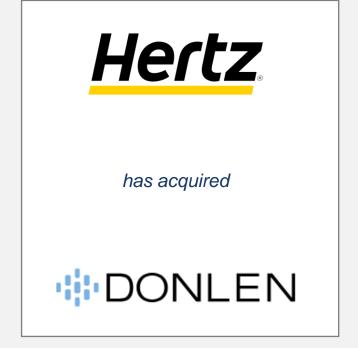








































Seale & Associates



JAMES A. SEALE President and Founder | Washington, DC



+1 (703) 623-9253

32+ years of global M&A experience, Attorney, CPA Arthur Andersen, and Professor of Global Investment Banking at George Washington University University of Virginia - JD University of Kentucky - BS in Accounting



SERGIO GARCIA DEL BOSQUE Managing Director | Mexico City, Mexico



+52 (55) 8000-7463

16+ years of global M&A experience IPADE - MBA Instituto Tecnologico y de Estudios Superiores de Monterrey BS in Industrial Engineering



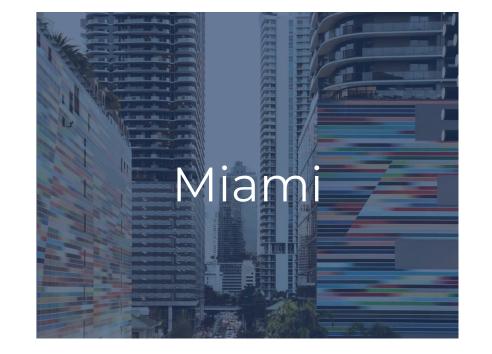
CARLOS HERNANDEZ GOUDET Managing Director | San Luis Potosi, Mexico



+1 (571) 482-3432

14+ years of global M&A experience Columbia University - MBA Instituto Tecnologico y de Estudios Superiores de Monterrey BS in Industrial Engineering







BRETT M. CARMEL

Senior Managing Director and Co-founder | Miami, FL



+1 (703) 294-6530

25+ years of global M&A experience and Professor of M&A at Johns Hopkins University

The George Washington University - MBA International Business and MA - International Affairs

University of Florida - BA in Political Science with High Honors



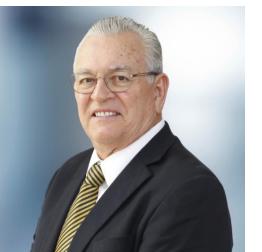
ROBERT E. WHITNEY Managing Director | Washington, DC





+1 (703) 801-8939

19+ years of global M&A experience, CPA Deloitte & Touche, Corporate Audit and Assurance Services University of Richmond - BS Business Administration in Accounting



FELIPE BUENO Senior Director | Monterrey, Mexico



+52 (84) 4432-4444

32+ years with Grupo Industrial Saltillo with experience as Director, Corp. Dev. and extensive global commercial experience Instituto Tecnologico y de Estudios Superiores de Monterrey MBA and BS in Industrial Engineering







Creative Solutions. Trusted Advice.

For over 25 years, Seale & Associates has served leading public and private companies from around the world and operating in a broad range of industries with a high level of quality, integrity and independence while presenting innovative ideas and trusted solutions to address their most complex dealings.

25

YEARS OF EXPERIENCE

\$50B+

TRANSACTIONS GLOBALLY

SERVICES AND SOLUTIONS

Mergers & Acquisitions

Divestitures

held companies.

Joint Ventures / Alliances

Recapitalizations

Due Diligence / Support

Expert Witness Testimony

Corporate Finance Advisory

Strategy Consulting

Trusted Advisor to Leading Companies Worldwide

We have worked repeatedly with many of the most well-known companies in the world...









































...as well as with reputable funds, family-offices and privately





























Seale & Associates

Creative Solutions. Trusted Advice.