FT PARTNERS FINTECH INDUSTRY RESEARCH

June 19, 2020



Pagaya Raises \$102 million in Series D Financing Led by GIC





The Only Investment Bank Focused Exclusively on FinTech

San Francisco • New York • London

Overview of FT Partners

- Financial Technology Partners ("FT Partners") was founded in 2001 and is the only investment banking firm focused exclusively on FinTech
- FT Partners regularly publishes research highlighting the most important transactions, trends and insights impacting the global Financial Technology landscape. Our unique insight into FinTech is a direct result of executing hundreds of transactions in the sector combined with over 18 years of exclusive focus on Financial Technology

FT Partners' Advisory Capabilities



FT Partners' FinTech Industry Research





Named Silicon Valley's #1 FinTech Banker (2016) and ranked #2 Overall by The Information



Ranked #1 Most Influential Person in all of FinTech in Institutional Investors "FinTech Finance 40"



Numerous Awards for Transaction Excellence including "Deal of the Decade"

be regarded as an offer to sell or as a solicitation of an offer to buy any financial product or service, nor is it an official confirmation of any transaction, or representative of an official position or statement of Financial Technology Partners LP, FTP



Pagaya Raises \$102 million in Series D Financing

Transaction Summary

▲PAGAYA

Transaction Summary

- On June 17, 2020, Pagaya announced it has raised \$102 million in Series D financing led by new investor GIC, the government of Singapore's sovereign wealth fund
 - Aflac Global Ventures, Poalim Capital Markets, Viola, Oak HC/FT, Clal Insurance, GF Investments, Siam Commerical Bank, and former American Express CEO (and Pagaya board member) Harvey Golub also participated in the round
 - Pagaya has raised more than \$140 million to date
- Pagaya will use the investment to hire more top tier data scientists, develop its technology further, and continue its pursuit of new asset classes such as real estate and other fixed-income assets like auto loans, mortgages, and corporate credit
- In May, the Company effectively re-opened the consumer asset-backed security (ABS) market with a \$200 million ABS fully managed by its AI, bringing its total ABS issuance to over \$1 billion in just a year and a half
 - According to Pagaya, this is the first issuance amongst marketplace lenders in months, and the firm's seventh deal to date
- In the four years since its launch, the Company has grown to manage over \$1.6 billion of assets from banks, insurance companies, pensions funds, sovereign wealth funds, and asset managers

Transaction Commentary

"It's extraordinary to see the Pagaya team deliver on their promise to bring in a new era of asset management using unparalleled technology. The firm continues to significantly and effectively innovate in a space that has failed to evolve for decades. Pagaya is driving the future of asset management."

AMERICAN EXPRESS

Harvey Golub Former CEO & Chairman

"Working with Pagaya's exceptional founding team has been an amazing experience. Through their vast understanding of financial markets and unmatched technological expertise, they've disrupted global asset management and have solidified their rank as an industry leader."



Avi Zeevi Co-Founder and GP

Selected Equity Financing History

Date	Туре	Amount	Investors	
17/07/20	Series D	\$102	GIC; Aflac Global Ventures; Poalim Capital Markets; Viola Ventures; Oak HC/FT; Clal Insurance; GF Investments; SCB; Harvey Golub	
08/03/19	Series C	25	Oak HC/FT; Clal Insurance; SCB; Digital Ventures; GF Investments; Viola Ventures; Harvey Golub	
08/30/18	Series B	14	Oak HC/FT; Harvey Golub; Clal Insurance; GF Investments; SCB; Viola Ventures	
05/08/16	Seed	1	Carmel Ventures	

Pagaya Overview



Company Overview



Co-Founder & CEO:

Headquarters: New York, NY

Founded: 2016

- Pagaya is reshaping asset management using machine learning and big data analytics to manage institutional money
- The Company serves a broad range of institutional and high net worth investor markets including banks, pensions plans, foundations, private wealth and sovereign wealth funds
- Pagaya's unique technology platform, Pagaya Pulse, runs on a suite of artificial intelligence technologies and state-of-theart algorithms to consistently deliver a high and scalable performance edge

Co-Founders



Gal Krubiner CEO & Co-Founder





Gal Krubiner

Yahav Yulzari CRO & Co-Founder

Products & Services Overview

Pagaya Pulse

- Provides alternative, data-driven investment management in the fixed income and alternative credit markets through a proprietary technology suite including machine learning and big data analytics
- Constructs bespoke investment portfolios that aim to achieve shortduration, high-yield return profiles with low correlation to the broader market and crisis resistant features
- Pagaya partners with select tech-enabled partners to provide a "second look" at customer loan applications that a lender's model would normally decline











Online Lending

Auto Finance

Student Loans

Credit Card Loans

E-Commerce & POS Lending

Selected Partners





























Selected FT Partners Research - Click to View



AlphaSense's \$50 million Series B Financing



Clearpool's Sale to BMO



Moneyfarm's £36 million Series C Financing



Forge's Merger with SharesPost



iCapital Acquires Artivest



Members Exchange Raises \$65 million in Strategic Financing



Bakkt Raises \$300 million in Series B Financing



Robinhood Raises \$280 million in Series F Financing

VIEW MORE FT PARTNERS RESEARCH

FT Partners Research - FinTech Meets Alternative Investments

FinTech Meets Alternative Investments Innovation in a Burgeoning Asset Class



Click pictures to view report

Demand for alternative assets remains strong as investors and plan sponsors seek asset diversification, higher yields, and uncorrelated returns. As a result, alternatives are a clear bright spot in the asset management industry. As demand grows for alternative assets, a new FinTech ecosystem is developing to help investors, investment managers, and service providers to access new asset classes and manage their investments and operations with new data, software, and platforms.

Highlights of the report include:

- An overview of trends driving the developing FinTech ecosystem around the Alternative Investment Management industry
- A detailed landscape of FinTech companies operating in the Alternatives space
- Proprietary list of financing and M&A transactions in the space
- Interviews with the CEOs of 11 companies driving innovation in Alternatives
- Detailed profiles of 41 FinTech companies operating in the industry

Selected FT Partners Capital Markets / WealthTech Transactions

M&A Transactions



















































FT Partners has advised on some of the most prominent and groundbreaking transactions in the Securities / Capital Markets / Wealth Technology sectors

FT Partners Advises Forge on its Merger with SharesPost

Overview of Transaction

- On May 12, 2020, Forge announced its merger with SharesPost
- SharesPost is a private market alternative trading system focused on enabling retail and institutional investors and company employees to access liquidity
 - Founded in 2009, SharesPost built the first private equity marketplace, which strove to connect buyers and sellers of private securities through its proprietary trading platform
- Forge's digital platform streamlines liquidity for hundreds of unicorn issuers and thousands of institutional and retail investors from around the world
 - Leveraging its robust technology, operations and trust infrastructure,
 Forge delivers a suite of services that includes trading, custody, data
 and company solutions

Significance of Transaction

- Together, the two companies will create one of the largest global private securities marketplaces, bringing liquidity and transparency at scale to pre-IPO companies and investors
- Combined, the two will have facilitated thousands of transactions with more than \$6 billion in private market transaction volume, for hundreds of unique issuers and over 1 million customers
- The deal will provide Forge with deeper insight on private company trends, as well as bid, offer, and pricing data that provides transparency to clients and partners to better understand and engage in the private markets

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Forge
- FT Partners previously advised Forge on its \$70 million Series B financing
- This transaction underscores FT Partners' deep alternative marketplace domain expertise and its continued success in providing buy-side advisory to top-tier FinTech companies

FTP Securities LLC

is pleased to announce its exclusive role as strategic and financial advisor to



on its merger with





FT Partners Advises Addepar on its Series D Financing

Overview of Transaction

- On June 8, 2017, Addepar announced it has raised \$140 million in Series D financing co-led by Harald McPike, the founder of QuantRes, along with Valor Equity Partners and 8VC
- Headquartered in Mountain View, CA, Addepar is a leading provider of portfolio management and reporting software and services that seeks to become the infrastructure that will connect all aspects of global finance
- Harald McPike is the founder of QuantRes, a quantitative trading firm, and a global private investor with a focus on the financial and technology sectors
- Valor Equity Partners is an operational growth investment firm that does both minority and majority investments in high growth companies at various stages of development
- 8VC is a venture capital firm that makes seed to later stage investments with a focus on the technology industry

Significance of Transaction

- The financing capitalizes on Addepar's unprecedented growth from \$300 billion to over \$650 billion assets on platform in less than 18 months as top wealth managers embraced Addepar's category-defining client reporting software
- With the new capital, Addepar will continue investing significantly in R&D, expanding its product, platform and tech-enabled services to unlock more value for its clients while also serving a wider range of wealth and asset management firms

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Addepar
- Transaction demonstrates FT Partners' continued leadership position as the "advisor of choice" to the highest quality FinTech companies as well as its deep domain expertise and experience in the WealthTech space

Financial Technology Partners LP

is pleased to announce its role as exclusive strategic and financial advisor to



in its Series D financing co-led by



Harald McPike

for total consideration of

\$ 140,000,000



FT Partners Advises Forge on its \$70 million Series B Financing

Overview of Transaction

- On July 25, 2018, Forge (formerly known as Equidate) announced it has raised \$70 million in a Series B financing round led by Panorama Point Partners and Operative Capital
 - Munich RE Ventures and BNP Paribas also participated in the round
 - Forge's existing investors include Peter Thiel, Tim Draper and Scott Banister
- Founded in 2014, Forge is the leading stock market for private companies
 - The Company's global electronic trading platform connects individual and institutional investors with sellers like venture capitalists and shareholder employees, as well as some of the largest and most prominent private companies themselves

Significance of Transaction

- Responding to the current trend of growth companies staying private much longer, Forge sees traditional institutional investors becoming significantly more active in the pre-IPO economy
 - Forge's technology-centric approach is the key to unlocking the market's true potential
- Forge believes its run-rate of \$1 billion of trade volume this year squarely
 places the company as both the market leader and the fastest growing player

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Forge
- This transaction underscores FT Partners' domain expertise and its successful track record generating highly favorable outcomes for high growth FinTech companies globally

Financial Technology Partners LP

is pleased to announce its exclusive role as strategic and financial advisor to



on its Series B financing led by





with participation from





BNP PARIBAS

for total consideration of

\$70,000,000



FT Partners Advises AlphaSense on its \$50 million Series B Financing

Overview of Transaction

- On July 17, 2019, AlphaSense announced it has raised \$50 million in a Series B financing round led by Innovation Endeavors
 - Innovation Endeavors, a Silicon Valley-based investment firm founded in 2010 and backed by former Google CEO Eric Schmidt, is a new investor in AlphaSense
 - Existing investors, including Soros Fund Management and others, also participated in the round
- Headquartered in New York, NY, AlphaSense is an artificial intelligence-based market intelligence search engine operating in the United States and Europe
 - AlphaSense leverages deep-learning AI and natural language processing to search and monitor thousands of previously fragmented data sources, enabling better, quicker and more confident decision making
 - AlphaSense serves more than 1,000 institutional clients in both the financial and corporate sectors including the largest corporations, investment firms, and banks in the world

Significance of Transaction

- AlphaSense will use the new capital to continue to further develop its groundbreaking Al and natural language processing technology, accelerate product development, and drive global expansion of the platform
- The transaction demonstrates Innovation Endeavors' confidence in the potential of AlphaSense to transform the market intelligence landscape through groundbreaking Al and search technology

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to AlphaSense
- FT Partners previously advised AlphaSense on its \$33 million growth financing round in 2016
- This transaction underscores FT Partners' strong domain expertise and successful track record in the Information Technology / Capital Markets space

Financial Technology Partners LP FTP Securities LLC

is pleased to announce its role as exclusive strategic and financial advisor to



on its Series B Financing from





for total consideration of

\$ 50,000,000



FT Partners Advises Nutmeg on its Series E Financing

Overview of Transaction

- On January 22, 2019, Nutmeg announced it has raised £45 million in its Series E financing round led by Goldman Sachs and Convoy
 - Goldman Sachs' Principal Strategic Investments Group is a new investor in the Nutmeg platform, while Convoy, a Hong Kong-based financial advisory firm, is investing for a second time
 - Convoy first invested in Nutmeg in November 2016
- Headquartered in London, Nutmeg is a digital wealth manager operating in the U.K. and Asia (Hong Kong / Taiwan)
 - Nutmeg provides bespoke automated advice and discretionary portfolio management with exposure to multiple asset classes, through its diversified ETF-based portfolios
 - Nutmeg serves more than 60,000 active investors and manages approximately £1.5 billion in assets under management

Significance of Transaction

- Nutmeg's Series E financing is the largest funding round by a European digital wealth manager to-date
- Demonstrates Goldman Sachs' continued focus on consumer facing FinTech following the launch of Marcus, its online savings account in the UK

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Nutmeg
- This transaction underscores FT Partners' strong domain expertise and successful track record in the WealthTech space

Financial Technology Partners LP FTP Securities LLC

is pleased to announce its role as exclusive strategic and financial advisor to



in its Series E Financing from





for total consideration of

£45,000,000



FT Partners Advises Moneyfarm on its £36 million Series C Financing

Overview of Transaction

- On September 26, 2019, Moneyfarm announced it has raised £36 million in a Series C financing round led by Poste Italiane, the Italian postal and financial services firm
 - Existing investor Allianz Asset Management, the investment arm of global insurer Allianz, also participated in the round
- Headquartered in London, U.K., Moneyfarm is a digital wealth manager operating in Italy, the U.K. and Germany
 - Moneyfarm provides bespoke automated advice and discretionary portfolio management with exposure to multiple asset classes, through its diversified ETF-based portfolios
 - Moneyfarm serves nearly 40,000 active investors, manages over £700 million in assets under management, and is led by its co-founders,
 Paolo Galvani and Giovanni Daprà

Significance of Transaction

- Moneyfarm will use the new capital to continue rolling out its digital wealth management services to investors across Europe
- The funding round coincides with the launch of Moneyfarm's strategic partnership with Poste Italiane, creating one of the largest digital wealth management partnerships in Europe
 - Through the partnership, Moneyfarm's unique blend of digital investment advice, human guidance and fully-managed portfolios will be integrated with Poste Italiane's digital platform

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Moneyfarm
- FT Partners previously advised Moneyfarm on its <u>£40 million Series B financing</u> and its acquisitions of <u>vaamo</u> and <u>Ernest</u>
- This transaction underscores the long-term nature of many of FT Partners' relationships as well as our strong domain expertise and successful track record in the global Digital Wealth Management space

FTP Securities LLC

is pleased to announce its exclusive role as strategic and financial advisor to



on its Series C financing led by



with participation from



for total consideration of

£36,000,000



FT Partners Advised Backstop on its \$20 million Minority Financing

Overview of Transaction

- On October 30, 2018, Backstop Solutions announced a minority \$20 mm financing round
 - Existing and new investors participating in the round include Roger Kafker, a 30-year veteran investor in the asset management space, Tao Huang, former COO of Morningstar, David Bradley, President of Huizenga Capital Management, and Vistara Capital Partners
- Headquartered in Chicago, IL., Backstop Solutions is a software-as-a-Service
 platform designed to help firms in the institutional and alternative investment
 management industry operate efficiently, invest intelligently and communicate
 effectively
 - Founded in 2003, the Company has quickly grown to service over 800 clientele providing its industry-leading cloud-based productivity suite to investment consultants, pensions, funds of funds, family offices, endowments, foundations, private equity, hedge funds, and real estate investment firms

Significance of Transaction

- The transaction builds on an strong year for Backstop, which saw a rapidly growing roster of clients, key executive appointments, and market momentum
- Backstop Solutions' minority financing will enable the Company to become globally recognized as the dominant cloud productivity suite for the institutional and alternative investment industry

FT Partners' Role

- FT Partners served as sole strategic and financial advisor to Backstop Solutions
- This transaction underscores FT Partners' strong domain expertise and successful track record in the WealthTech space

FTP Securities LLC

is pleased to announce its exclusive role as strategic and financial advisor to



in its minority financing from

Roger Kafker

Tao Huang

David Bradley



for total consideration of

\$20,000,000



FT Partners Advises Clearpool on its Sale to BMO

Overview of Transaction

- On January 22, 2020, Bank of Montreal (BMO) announced that it had signed an
 agreement to acquire 100% of the outstanding shares of Clearpool Group
 ("Clearpool"), an Algorithmic Management System transforming electronic
 trading with a fully customizable suite of trading tools
- Headquartered in New York, Clearpool empowers market participants by providing greater transparency, efficiency and control through next generation trading technology
- Clearpool's solution provides total visibility and control, from strategy to execution, through its cloud-based algorithmic management system, execution and analytics portals
- Bank of Montreal (TSX, NYSE: BMO) is a highly diversified financial services provider based in North America

Significance of Transaction

 BMO's electronic platform (Capital Markets, Securities and Equity) has a successful, fast-growing trading business in Canada, and adding Clearpool's capabilities in algorithmic management will allow BMO to deliver next-gen trading technology to its global client base

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Clearpool
- The transaction underscores FT Partners' successful track record generating highly favorable outcomes for Capital Markets Technology companies
- This transaction also highlights FT Partners' expertise in bringing our clients together with world class strategic investors and acquirers

FTP Securities LLC

is pleased to announce its exclusive role as strategic and financial advisor to



on its sale to





FT Partners Advises BlackRock on its Acquisition of FutureAdvisor

Overview of Transaction

- On August 26, 2015, BlackRock (NYSE: BLK) announced a definitive agreement to acquire 100% of FutureAdvisor
- FutureAdvisor is a leading digital wealth management platform with technology-enabled investment advice capabilities
- BlackRock offers investment management, risk management and advisory services to institutional and retail clients worldwide and has over \$4.7tn in assets under management
- Following the transaction, FutureAdvisor will operate as a business within BlackRock Solutions ("BRS"), BlackRock's investment and risk management platform
- The transaction is expected to close in Q4 2015

Significance of Transaction

- Combines FutureAdvisor's tech-enabled advice capabilities with BRS' investment and risk management solutions
- Enables BlackRock to provide a B2B digital advice platform, which helps financial institution partners both improve their clients' investment experiences and grow advisory assets
- Empowers partners to meet the growing demand among consumers to engage with technology to gain insights on their investment portfolios
 - Demand is particularly strong among the mass-affluent, who account for \sim 30% of investable assets in the U.S.

FT Partners' Role

- FT Partners served as exclusive advisor to BlackRock
- Highlights FT Partners' continued success advising a broad range of toptier strategic investors across the financial technology landscape

Financial Technology Partners LP FTP Securities LLC

is pleased to announce its exclusive role as advisor to

BlackRock

in its 100% acquisition of





FT Partners' Recent Awards and Recognition

Bloomberg

Bloomberg

- o FT Partners' Steve McLaughlin was featured on Bloomberg / Bloomberg TV
- View the full article and watch the live TV interview



M&A Advisor Awards

- Technology Deal of the Year (2019)
- Cross Border Deal of the Year and Corporate / Strategic Deal of the Year (2018)
- Investment Banker of the Year (2017) Steve McLaughlin, CEO & Managing Partner of FT Partners
- Investment Banking Firm of the Year (2016) FT Partners



LendIt FinTech Industry Awards 2018:

o FT Partners wins Top Investment Bank in FinTech

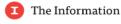
Institutional Investor





The FinTech Finance 40:

Steve McLaughlin ranked #1 in 2017 and 2018

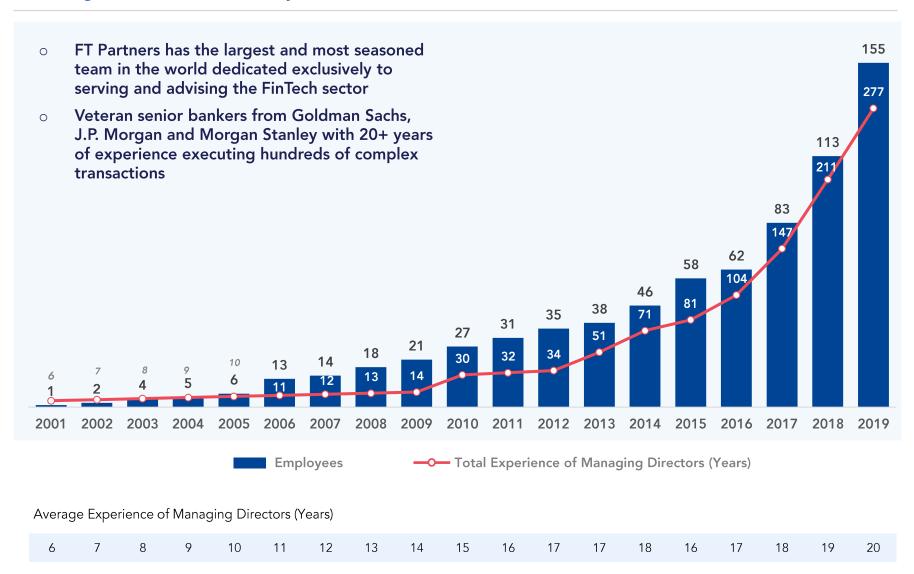




The Information's "Silicon Valley's Most Popular Dealmakers"

- Ranked as the #2 top Technology Investment Banker by The Information subscribers (2016)
- o Only FinTech focused investment banking firm and banker on the list

The Largest FinTech Advisory Practice in the World



The FT Partners Senior Banker Team

Name / Position	Prior Background	Experience / Education	Years of Experience
Steve McLaughlin Founder, CEO and Managing Partner	Goldman Sachs	 Formerly with Goldman Sachs in New York and San Francisco from 1995-2002 Formerly Co-Head of Goldman Sachs' Financial Technology Group (#1 market share) Wharton M.B.A. 	25
Mohit Agnihotri Managing Director	J.P.Morgan	 Formerly Managing Director and Global Head of Payments Investment Banking at J.P. Morgan Wharton M.B.A 	18
Kate Crespo Managing Director	RAYMOND JAMES®	 Formerly with Raymond James' Technology & Services investment banking 14+ years of FinTech transaction execution experience Dartmouth M.B.A. 	18
Larry Furlong Managing Director	Goldman Sachs	 Formerly with Goldman Sachs in New York, London and Los Angeles from 1995-2004 Wharton M.B.A. 	24
Osman Khan Managing Director	A pwc	 Formerly Managing Director and Head of FIG M&A at Alvarez & Marsal 15+ years FIG deal, consulting and assurance experience at PwC 40 Under 40 M&A Advisor Award Winner in 2013 	23
Randall Little Managing Director	J.P.Morgan	 12 years as FIG / Capital Markets FinTech investment banker at J.P. Morgan 10 years as financial services technology consultant at Sun Microsystems and Ernst & Young NYU Stern M.B.A. (MBA w/Distinction) 	23
Andrew McLaughlin Managing Director	Deloitte.	 20+ years experience executing / implementing financial and operational strategy Formerly with Deloitte Consulting 	14
Amar Mehta Managing Director	J.P.Morgan	 Formerly with J.P. Morgan's Technology (FinTech & Technology Services) team in New York 7+ years of FinTech transaction execution experience MBA from IIM-K (India), Bachelor's in Computer Engineering from NTU (Singapore) 	15
Mike Nelson Managing Director	SUNTRUST	 Formerly head of FinTech M&A at SunTrust Robinson Humphrey Kellogg M.B.A. 	20
Timm Schipporeit Managing Director	Morgan Stanley Index Ventures	 Formerly with Morgan Stanley as Senior Executive Director of European Technology Investment Banking Team in London Formerly a Venture and Growth Investor focused on FinTech at Index Ventures 	17
Greg Smith Managing Director	Merrill Lynch J.P.Morgan	 Formerly award winning Equity Research Analyst at Merrill Lynch, J.P. Morgan and Hambrecht & Quist 20+ years of experience covering FinTech as both an Analyst and Investment Banker 	24
Fim Wolfe Managing Director	Goldman Sachs	 Formerly with Goldman Sachs from 2000-2002 40 Under 40 M&A Advisor Award Winner 2013 Harvard M.B.A. 	18