UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d) of the
Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): November 3, 2020

HORIZON TECHNOLOGY FINANCE CORPORATION

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

814-00802

(Commission File Number)

27-2114934

(I.R.S. Employer Identification No.)

312 Farmington Avenue Farmington, CT 06032

(Address of principal executive offices and zip code)

Registrant's telephone number, including area code: (860) 676-8654

Check the		ed to simultaneously satisfy the fili	ng obligation of the registrant under any of the following							
	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)									
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)									
	Pre-commencement communications pursuant to	Rule 14d-2(b) under the Exchange	Act (17 CFR 240.14d-2(b))							
	Pre-commencement communications pursuant to	Rule 13e-4(c) under the Exchange	Act (17 CFR 240.13e-4(c))							
	by check mark whether the registrant is an emergin o-2 of the Securities Exchange Act of 1934 (17 CFF		Rule 405 of the Securities Act of 1933 (17 CFR §230.405) or							
Emergin	g growth company \square									
	erging growth company, indicate by check mark if and financial accounting standards provided pursuant	9	e the extended transition period for complying with any new Act. \square							
	Title of each class	Ticker symbol(s)	Name of each exchange on which registered							
C	Common Stock, par value \$0.001 per share	HRZN	The Nasdaq Stock Market LLC							
	6.25% Notes due 2022 HTFA The New York Stock Exchange									

Section 2 Financial Information

Item 2.02 Results of Operations and Financial Condition

On November 3, 2020, Horizon Technology Finance Corporation (the "Company") issued a press release announcing its financial results for the three and nine months ended September 30, 2020. A copy of this press release is attached hereto as Exhibit 99.1.

The information in Item 2.02 of this Current Report on Form 8-K, including Exhibit 99.1 furnished herewith, is being furnished and shall not be deemed "filed" for any purpose of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to liabilities of such Section. The information in this Current Report on Form 8-K shall not be deemed to be incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Section 9 Financial Statements and Exhibits Item 9.01 Financial Statements and Exhibits

(d) Exhibits.

99.1 Press release of the Company dated November 3, 2020.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: November 3, 2020 HORIZON TECHNOLOGY FINANCE CORPORATION

By: /s/ Robert D. Pomeroy, Jr. Robert D. Pomeroy, Jr. Chief Executive Officer



Horizon Technology Finance Announces Third Quarter 2020 Financial Results

- Net Investment Income per Share of \$0.34; NAV per Share of \$11.17 -
- Over \$104 Million of Available Liquidity as of September 30, 2020 -
 - Debt Portfolio Yield of 15.1% -

Farmington, Connecticut – **November 3, 2020** – Horizon Technology Finance Corporation (NASDAQ: HRZN) ("Horizon" or the "Company"), a leading specialty finance company that provides capital in the form of secured loans to venture capital backed companies in the technology, life science, healthcare information and services, and sustainability industries, today announced its financial results for the third quarter ended September 30, 2020.

Third Quarter 2020 Highlights

- · Net investment income of \$5.9 million, or \$0.34 per share, compared to \$5.8 million, or \$0.42 per share for the prior-year period
- · Total investment portfolio of \$311.8 million as of September 30, 2020
- · Net asset value of \$205.2 million, or \$11.17 per share, as of September 30, 2020
- · Annualized portfolio yield on debt investments of 15.1% for the quarter
- · Funded four loans totaling \$16.0 million during the quarter
- · Raised total net proceeds of approximately \$12.7 million with "at-the-market" ("ATM") offering program
- · Experienced liquidity events from five portfolio companies
- · Cash of \$56.9 million and credit facility capacity of \$196.8 million as of September 30, 2020
- · Held portfolio of warrant and equity positions in 68 companies as of September 30, 2020
- · Undistributed spillover income of \$0.45 per share as of September 30, 2020
- · Subsequent to quarter end, declared distributions of \$0.10 per share payable in January, February and March 2021

"We generated net investment income of \$0.34 per share for the third quarter, in excess of our distribution level, despite the ongoing challenges in the broader economy," said Robert D. Pomeroy, Jr., Chairman and Chief Executive Officer of Horizon. "Once again, our predictive pricing strategy contributed to our NII as reflected by our strong overall debt portfolio yield which was driven by positive portfolio exits and strong onboarding yields achieved in the quarter. We also ended the quarter with available liquidity of over \$104 million, which enables us to fund our backlog and a pipeline of attractive and investable opportunities, which we expect will further expand and diversify our portfolio."

"We also remain focused on proactively and aggressively managing our portfolio," continued Mr. Pomeroy. "During the quarter, three of our debt investments were downgraded, due in part to COVID-19 related economic pressure on our portfolio companies, which also contributed to a reduction in our NAV. At the same time, we upgraded several of our portfolio investments which have performed well during this economic environment. We continue to closely monitor our portfolio and are constantly engaged with all of our borrowers to seek to ensure they are sufficiently capitalized. Overall, while we continue to remain cautious in our outlook, we believe our strong balance sheet will enable us to navigate the current environment and deliver attractive returns to our shareholders."

Third Quarter 2020 Operating Results

Total investment income for the quarter ended September 30, 2020 grew 8.4% to \$12.3 million, compared to \$11.4 million for the quarter ended September 30, 2019. The year-over-year improvement in total investment income is primarily due to growth in interest income on investments resulting from an increase in the average size of the debt investment portfolio.

The Company's dollar-weighted annualized yield on average debt investments for the quarter ended September 30, 2020 and 2019 was 15.1% and 17.7%, respectively. The Company calculates the dollar-weighted annualized yield on average debt investments for any period measured as (1) total investment income (excluding dividend income) during the period divided by (2) the average of the fair value of debt investments outstanding on (a) the last day of the calendar month immediately preceding the first day of the period and (b) the last day of each calendar month during the period. The dollar-weighted annualized yield on average debt investments is higher than what investors will realize because it does not reflect expenses or any sales load paid by investors.



Net expenses for the quarter ended September 30, 2020 were \$6.5 million, compared to \$5.6 million for the quarter ended September 30, 2019. The increase was primarily due to \$0.6 million of additional interest expense and \$0.2 million in additional base management fees.

Net investment income for the quarter ended September 30, 2020 was \$5.9 million, or \$0.34 per share, compared to \$5.8 million, or \$0.42 per share, for the quarter ended September 30, 2019.

For the quarter ended September 30, 2020, net realized gain on investments was \$1.2 million, or \$0.07 per share, compared to net realized loss on investments of \$0.4 million, or \$0.03 per share, for the quarter ended September 30, 2019.

For the quarter ended September 30, 2020, net unrealized depreciation on investments was \$10.3 million, or \$0.60 per share, compared to \$0.1 million, or \$0.01 per share, for the prior-year period.

Portfolio Summary and Investment Activity

As of September 30, 2020, the Company's debt portfolio consisted of 34 secured loans with an aggregate fair value of \$298.9 million. In addition, the Company's total warrant, equity and other investments in 69 portfolio companies had an aggregate fair value of \$12.9 million. Total portfolio investment activity for the three and nine months ended September 30, 2020 and 2019 was as follows:

(\$ in thousands)]	For the Three Septem		For the Nine Months Ended September 30,				
		2020	2019		2020		2019	
Beginning portfolio	\$	355,880	\$ 274,759	\$	319,551	\$	248,441	
New debt investments		16,094	42,147		121,648		135,284	
Less refinanced debt investments		_	 (7,500)		<u> </u>		(17,500)	
Net new debt investments		16,094	34,647		121,648		117,784	
Investment in controlled affiliate investment		_	589		_		589	
Principal payments received on investments		(6,419)	(3,413)		(20,344)		(13,069)	
Early pay-offs		(43,542)	(25,000)		(90,785)		(70,548)	
Accretion of debt investment fees		795	1,131		3,080		2,879	
New debt investment fees		(202)	(658)		(1,415)		(1,764)	
New equity		_	240		_		240	
Warrants received in settlement of fee income		_	_		978		_	
Proceeds from sale of investments		(1,945)	(506)		(8,200)		(2,411)	
Dividend income from controlled affiliate investment		_	461		118		1,223	
Distributions from controlled affiliate investment		_	(185)		_		(715)	
Net realized gain (loss) on investments		1,178	(444)		3,945		(3,891)	
Net unrealized (depreciation) appreciation on investments		(10,288)	(143)		(16,827)		2,622	
Other		199	 41	_	1		139	
Ending portfolio	\$	311,750	\$ 281,519	\$	311,750	\$	281,519	



Portfolio Asset Quality

The following table shows the classification of Horizon's loan portfolio at fair value by internal credit rating as of September 30, 2020, June 30, 2020 and December 31, 2019:

•	(\$ in housands)	Se	pte	mber 30, 20	20		Ju	ne 30, 2020		D	ecei	mber 31, 20	19	
		Number of Investments	In	Debt evestments at Fair Value	Percentage of Debt Investments	Number of Investments	In	Debt evestments at Fair Value	Percentage of Debt Investments	Number of Investments			Percentage of Debt Investments	
	Credit Rating											_		
	4	5	\$	67,893	22.7%	2	\$	23,539	6.9%	4	\$	45,339	15.7%	
	3	21		198,841	66.5%	25		265,365	77.4%	26		216,128	75.0%	
	2	3		12,752	4.3%	6		46,718	13.6%	3		24,888	8.6%	
	1	5		19,400	6.5%	2		7,100	2.1%	2		2,000	0.7%	
	Total	34	\$	298,886	100.0%	35	\$	342,722	100.0%	35	\$	288,355	100.0%	

As of September 30, 2020, Horizon's loan portfolio had a weighted average credit rating of 3.1, compared to 2.9 and 3.1 as of June 30, 2020 and December 31, 2019, respectively, with 4 being the highest credit quality rating and 3 being the rating for a standard level of risk. A rating of 2 represents an increased level of risk and, while no loss is currently anticipated for a 2-rated loan, there is potential for future loss of principal. A rating of 1 represents deteriorating credit quality and high degree of risk of loss of principal.

As of September 30, 2020, there were five debt investments with an internal credit rating of 1, with a cost of \$38.3 million and a fair value of \$19.4 million. As of June 30, 2020, there were two debt investments with an internal credit rating of 1, with a cost of \$13.5 million and a fair value of \$7.1 million. As of December 31, 2019, there were two debt investments with an internal credit rating of 1, with a cost of \$5.7 million and a fair value of \$2.0 million.

Liquidity and Capital Resources

As of September 30, 2020, the Company had \$104.2 million in available liquidity, consisting of \$56.9 million in cash and money market funds, and \$47.3 million in funds available under existing credit facility commitments.

As of September 30, 2020, there was \$15.0 million in outstanding principal balance under the \$125.0 million revolving credit facility ("Key Facility"). The Key Facility allows for an increase in the total loan commitment up to an aggregate commitment of \$150.0 million. There can be no assurance that any additional lenders will make any commitments under the Key Facility.

Additionally, as of September 30, 2020, there was \$13.3 million in outstanding principal balance under the \$100 million senior secured debt facility with a large U.S.-based insurance company at an interest rate of 4.60%.

Horizon Funding Trust 2019-1, a wholly-owned subsidiary of Horizon, previously issued \$100.0 million of Asset-Backed Notes (the "Notes") rated A+(sf) by Morningstar Credit Ratings, LLC, and backed by \$132.0 million of secured loans originated by Horizon. The Notes bear interest at a fixed interest rate of 4.21% per annum and have a stated maturity date of September 15, 2027. As of September 30, 2020, the Notes had an outstanding principal balance of \$100.0 million.

During the three months ended September 30, 2020, the Company sold 1,069,259 shares of common stock under its ATM offering program with Goldman Sachs & Co. LLC and B. Riley FBR, Inc. For the same period, the Company received total accumulated net proceeds of approximately \$12.7 million, including \$0.3 million of offering expenses, from these sales.

As of September 30, 2020, the Company's debt to equity leverage ratio was 81%, within the Company's 80-120% targeted leverage range. The asset coverage ratio for borrowed amounts was 224%.



Liquidity Events

During the quarter ended September 30, 2020, Horizon experienced liquidity events from five portfolio companies. Liquidity events for Horizon may consist of the sale of warrants or equity in portfolio companies, loan prepayments, sale of owned assets or receipt of success fees.

In August, New Signature, Inc. ("New Signature"), in connection with its sale to Cognizant, prepaid its outstanding principal balance of \$14.5 million on its venture loan, plus interest, end-of-term payment and prepayment fee. Horizon also received proceeds of approximately \$0.7 million in connection with the termination of its warrants in New Signature.

In August, Celsion Corporation ("Celsion") (NASDAQ: CLSN) prepaid \$4.6 million of the outstanding principal balance of its venture loan, plus interest and end-of-term payment on such prepayment. Horizon continues to hold warrants in Celsion, in addition to its remaining debt investment of \$5.0 million.

In August, Horizon received proceeds of \$1.1 million upon the exercise and sale of its warrants in Ontrak, Inc. ("Ontrak"). Horizon continues to hold warrants in Ontrak.

In September, Skillshare, Inc. ("Skillshare") prepaid its outstanding principal balance of \$9.0 million on its venture loan, plus interest, end-of-term payment and prepayment fee. Horizon continues to hold warrants in Skillshare.

In September, Mustang Bio, Inc. ("Mustang Bio") (NASDAQ: MBIO) prepaid its outstanding principal balance of \$15.0 million on its venture loan, plus interest, end-of-term payment and prepayment fee. Horizon continues to hold warrants in Mustang Bio.

Net Asset Value

At September 30, 2020, the Company's net assets were \$205.2 million, or \$11.17 per share, compared to \$168.1 million, or \$11.67 per share, as of September 30, 2019, and \$184.1 million, or \$11.83 per share, as of December 31, 2019.

For the quarter ended September 30, 2020, net decrease in net assets resulting from operations was \$3.3 million, or \$0.19 per share, compared to a net increase in net assets resulting from operations of \$5.2 million, or \$0.38 per share, for the quarter ended September 30, 2019.

Stock Repurchase Program

During the quarter ended September 30, 2020, the Company did not repurchase any shares of its common stock. From the inception of the stock repurchase program through September 30, 2020, the Company has repurchased 167,465 shares of its common stock at an average price of \$11.22 on the open market at a total cost of \$1.9 million.

Monthly Distributions Declared in Fourth Quarter 2020

On October 26, 2020, the Company's board of directors declared monthly distributions of \$0.10 per share payable in each of January, February and March 2021. The following table shows these monthly distributions, which total \$0.30 per share:

Monthly Distributions

Ex-Dividend Date	Record Date	Payment Date	Amou	ınt per Share
December 16, 2020	December 17, 2020	January 15, 2021	\$	0.10
January 19, 2021	January 20, 2021	February 17, 2021	\$	0.10
February 18, 2021	February 19, 2021	March 16, 2021	\$	0.10
			Total: \$	0.30

After paying distributions of \$0.30 per share and earning net investment income of \$0.34 per share for the quarter, the Company's undistributed spillover income as of September 30, 2020 was \$0.45 per share. Spillover income includes any ordinary income and net capital gains from the preceding tax years that were not distributed during such tax years.

When declaring distributions, the Horizon board of directors reviews estimates of taxable income available for distribution, which may differ from consolidated net income under generally accepted accounting principles due to (i) changes in unrealized appreciation and depreciation, (ii) temporary and permanent differences in income and expense recognition, and (iii) the amount of spillover income carried over from a given year for distribution in the following year. The final determination of taxable income for each tax year, as well as the tax attributes for distributions in such tax year, will be made after the close of the tax year.



Subsequent Event

On July 8, 2020, Espero BioPharma, Inc. and its affiliates, Jacksonville Pharmaceuticals, Inc. and Espero Pharmaceuticals, Inc. (collectively, "Espero") assigned substantially all of their assets to their respective assignment estates and respectively appointed PSE (ABC), LLC, PS PJAX (ABC), LLC, and PPSE (ABC), LLC (collectively, "Espero ABC") to administer their respective estates and to facilitate the orderly sale and liquidation of their property and assets. On October 6, 2020, the Court of Chancery of the State of Delaware approved the transfer of the assets of Espero to the Company and Horizon Credit II LLC's credit bid at auction of \$7.0 million. On October 22, 2020, Espero ABC transferred the assets of Espero to HESP LLC, a Delaware limited liability company, wholly owned by the Company.

Conference Call

The Company will host a conference call on Wednesday, November 4, 2020, at 9:00 a.m. ET to discuss its latest corporate developments and financial results. To participate in the call, please dial (877) 407-9716 (domestic) or (201) 493-6779 (international). The access code for all callers is 13711598. The Company recommends joining the call at least 10 minutes in advance. In addition, a live webcast will be available on the Company's website at www.horizontechfinance.com.

A webcast replay will be available on the Company's website for 30 days following the call.

About Horizon Technology Finance

Horizon Technology Finance Corporation (NASDAQ: HRZN) is a leading specialty finance company that provides capital in the form of secured loans to venture capital backed companies in the technology, life science, healthcare information and services, and sustainability industries. The investment objective of Horizon is to maximize its investment portfolio's return by generating current income from the debt investments it makes and capital appreciation from the warrants it receives when making such debt investments. Headquartered in Farmington, Connecticut, Horizon also has regional offices in Pleasanton, California and Reston, Virginia. To learn more, please visit www.horizontechfinance.com.

Forward-Looking Statements

Statements included herein may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Statements other than statements of historical facts included in this press release may constitute forward-looking statements and are not guarantees of future performance, condition or results and involve a number of risks and uncertainties. Actual results may differ materially from those in the forward-looking statements as a result of a number of factors, including those described from time to time in Horizon's filings with the Securities and Exchange Commission. Horizon undertakes no duty to update any forward-looking statement made herein. All forward-looking statements speak only as of the date of this press release.

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Horizon Technology Finance Corporation and Subsidiaries Consolidated Statements of Assets and Liabilities

(Dollars in thousands, except share and per share data)

	Sep	tember 30,	December 31,		
		2020	2019		
	(unaudited)			
Assets					
Non-affiliate investments at fair value (cost of \$321,034 and \$295,256, respectively)	\$	304,359	\$	294,304	
Non-controlled affiliate investments at fair value (cost of \$6,822 and \$6,891, respectively)		7,391		8,597	
Controlled affiliate investments at fair value (cost of \$16,684)		_		16,650	
Total investments at fair value (cost of \$327,856 and \$318,831, respectively)		311,750		319,551	
Cash		34,130		6,465	
Investments in money market funds		22,735		9,787	
Restricted investments in money market funds		801		1,133	
Interest receivable		6,229		5,530	
Other assets		1,913		1,535	
Total assets	\$	377,558	\$	344,001	
	_				
Liabilities					
Borrowings	\$	163,689	\$	152,050	
Distributions payable		5,510		4,669	
Base management fee payable		510		519	
Incentive fee payable		1,465		1,613	
Other accrued expenses		1,213		1,095	
Total liabilities		172,387		159,946	
Commitments and contingencies					
Not and					
Net assets					
Preferred stock, par value \$0.001 per share, 1,000,000 shares authorized, zero shares issued and outstanding as of September 30, 2020 and December 31, 2019					
				_	
Common stock, par value \$0.001 per share, 100,000,000 shares authorized,					
18,533,378 and 15,730,755 shares issued and 18,365,913 and 15,563,290 shares outstanding as of September 30,		19		1.0	
2020 and December 31, 2019, respectively		_		16	
Paid-in capital in excess of par Distributable earnings		260,649		226,660	
•		(55,497)	_	(42,621)	
Total net assets		205,171		184,055	
Total liabilities and net assets	\$	377,558	\$	344,001	
Net asset value per common share	\$	11.17	\$	11.83	
	-				



Horizon Technology Finance Corporation and Subsidiaries Consolidated Statements of Operations (Unaudited)

(Dollars in thousands, except share and per share data)

	For the Three Months Ended					For the Nine Months Ended				
		Septem	ber 3	30,		Septem	ber :	ber 30,		
		2020		2019	2020			2019		
Investment income	<u> </u>	_		_				_		
Interest income on investments										
Interest income on non-affiliate investments	\$	10,974	\$	8,974	\$	32,286	\$	25,429		
Interest income on affiliate investments		175		210		532		645		
Total interest income on investments		11,149		9,184		32,818		26,074		
Fee income										
Prepayment fee income on non-affiliate investments		1,156		639		1,911		1,373		
Revenue-based payments on non-affiliate investments ⁽¹⁾				1,050				1,080		
Fee income on non-affiliate investments		23		37		1,112		382		
Fee income on affiliate investments		3		4		10		18		
Total fee income		1,182		1,730		3,033		2,853		
Dividend income										
Dividend income on controlled affiliate investments		<u> </u>		461		118		1,223		
Total dividend income		_		461		118		1,223		
Total investment income		12,331		11,375		35,969		30,150		
Expenses										
Interest expense		2,607		2,046		7,331		6,209		
Base management fee		1,616		1,394		4,865		4,055		
Performance based incentive fee		1,465		1,443		4,212		5,352		
Administrative fee		234		212		740		631		
Professional fees		247		279		1,095		1,045		
General and administrative		302		228		877		688		
Total expenses		6,471		5,602		19,120		17,980		
Performance based incentive fee waived								(1,848)		
Net expenses		6,471		5,602		19,120		16,132		
Net investment income		5,860		5,773		16,849		14,018		
Net realized and unrealized loss on investments										
Net realized gain (loss) on non-affiliate investments		1,178		(424)		3,957		(3,871)		
Net realized loss on controlled affiliate investments						(12)				
Net realized gain (loss) on investments		1,178		(424)		3,945		(3,871)		
Net unrealized (depreciation) appreciation on non-affiliate investments		(10,629)		(129)		(15,435)		620		
Net unrealized appreciation (depreciation) on non-controlled affiliate		2.44				(1.12.1)		2.010		
investments		341		<u> </u>		(1,134)		2,019		
Net unrealized depreciation on controlled affiliate investments		(10.222)		(14)		(258)		(17)		
Net unrealized (depreciation) appreciation on investments	_	(10,288)	_	(143)	_	(16,827)	_	2,622		
Net realized and unrealized loss on investments		(9,110)		(567)		(12,882)		(1,249)		
Net (decrease) increase in net assets resulting from operations	\$	(3,250)	\$	5,206	\$	3,967	\$	12,769		
Net investment income per common share	\$	0.34	\$	0.42	\$	0.98	\$	1.08		
Net (decrease) increase in net assets per common share	\$	(0.19)	\$	0.38	\$	0.23	\$	0.98		
Distributions declared per share	\$	0.30	\$	0.30	\$	0.95	\$	0.90		
Weighted average shares outstanding		17,245,662		13,816,082		17,111,359		13,016,839		

⁽¹⁾ Revenue Based Payments consist of payments made to the Company by a portfolio company based upon a percentage of such portfolio company's revenue. Such payments were made in addition to the portfolio company's regularly scheduled payments of principal and interest.