

### DeFi Holdings

A subsidiary of Routemaster Capital





February, 2021

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Routemaster Capital gives public market investors access to the next wave of financial innovation through DeFi Holdings

## The Problems with Centralized Finance (CeFi)

### Lack of Transparency

Banks continue to rely on opaque pricing and and structuring in hopes of widening marigins.

### Censorship

Many people suffer from capital controls, poor governance and corruption. Corruption alone costs the global economy \$3.6 trillion dollars every year.

### Legacy Infrastructure

Banks face extremely high cost, both in absolute term and as a proportion of revenue.

### High Fees & Costs

Banks face extremely high cost, both in absolute term and as a proportion of revenue.

### No Global Access

1.7 Billion people have no access to financial services. That's roughly20% of our entire population.

### Counter-party Risk

Risk that a counterparty to a contract will not perform their part of the contract.

## What's DeFi? (1/2)



Financial software built on blockchain

DeFi is an abbreviation of the phrase decentralized finance which refers to the digital assets and financial smart contracts, protocols, and decentralized applications (DApps) built on Ethereum and other blockchains.

## What's DeFi? (2/2)

### Goal

Enable an alternative financial system that is built bottom-up, completely decentralized, censorship free, low-fee, fully-automated, and without counterparty risk.

## Why DeFi?

In order to access the traditional financial products, users have to trust intermediaries such as banks and brokerage firms. However in blockchains such as Ethereum, users can access the network directly, so there is no need for intermediaries to provide trust.

	Traditional	Fintech	DeFi
Lending/Borrowing	Banks	SoFi/Lending Club	Aave
Investing	Banks/Exchanges	Robinhood	Yearn
Exchanging	Brokers	Cash App/Venmo	Maker
Transactions	_	Revolut/Transferwise	Ethereum

## DeFi Market – Top 10 Tokens

Between September 2017 and February 2021, the total value locked in Defi contracts has gone from \$1.2M to \$39.94B



Numbers are accurate as of 10.02.2021. Source: CoinMarketCap & Messari

## DeFi is the result of convergent evolution

Evolution on two different fonts (Money v Technology) have created the perfect storm for decentralized finance.



## The History of Blockchain Technology

Blockchain itself dates back to as far as 1991. However, since the rise of Bitcoin there has been dramatic leaps in technology adoption and development. The Finance industry experienced an unprecedented technology leap in just 10 years.





## Ethereum is the Backbone of DeFi

# **96%** of the total transaction volume of DeFi is on Ethereum

Ethereum Blockchain value grew by **\$109B** from Q2 2020 to Q3 2020

## The Rise of Decentalized Finance – 2020

Stablecoin-to-stablecoin decentralized exchange Curve launches 1/03/20 Total value loo in DeFi protoo surpasses \$1 02/07/20		i protocol sses \$1 billion	rotocol S S Balancer Decentralized exchange Bala		exchange Decentralized mo ches version cocol tokens and hand nance to token h 06/15/20 r d Decentralized ex	money market tributes COMP nds off gover- holders	DAI stablecoin, b first DeFi protoco billion in total val <b>07/27/20</b> Decentralized sy trading platform transitions to mu	Al stablecoin, becomes the st DeFi protocol to hit \$1 llion in total value locked 7/27/20 eccentralized synthetics ading platform Synthetix ansitions to multiple eccentralized autonomous		Decentralized money market Aave becomes the second DeFi protocol to hit \$1 billion in total value locked 08/15/20 Stablecoin-to-stablecoin decentralized exchange Curve becomes the third DeFi protocol to hit \$1 billion in total value locked 08/16/20 SushiSwap launches, kicking off		Wrapped Bitcoin passes \$1 billion 08/15/20 ()) DAI stablecoin supply passes 1 billion	
JAN	FEB		03/31/20 MAR	MAY	JUN	JUL	07/28/20	AUG	a wave of vampir		11/13/2 NOV	DEC	
1/08/20 Decentralized m market Aave lau		02/26/20 Decentralized in Compound relettokens Compound 02/19/20 Decentralized in provider Nexus out its first clain Nexus & Muture	ases COMP nd nsurance Mutual pays m	05/12/20 SAI stablect down 05/06/20 Decentralize ics trading p thetix partner mism to relea scaling demo	d synthet- latform Syn- ers with Opti- ase layer 2	Yearn.Fina <b>07/02/20</b> USD Coin	stablecoin billion supply	an elastic s kicking off cat projects memecoins 08/13/20 Stablecoin- decentraliz		09/16/20 Decentralized e Uniswap releas tokens	es UNI	12/03/20 Decentralized money market Aave launches version two of its protocol	

## The Case for Decentralized Finance (DeFi)

How Decentralized Finance (DeFi) solves these Problems

### Full Transparency

Through the use of blockchain technology, all transactions are publicly visible, tamper proof and verifiable by everyone.

### Users have full control

The blockchain guarantees an immutable and traceable book of records for all transactions. Users retain full control over their assets.

### **Blockchain Technology**

Services are run by permissionless self-executing, automated contracts with open source code.

### Free of intermediaries

Every interaction between two parties is based on a smart contract. A Smart Contract is codified law which increases the efficency and removes the need for 3rd parties.

### Open for everyone

Everyone with a smartphone and an internet connection is able to participate.

### No Counter-party Risk

Smart Contract only execute when both parties fulfill all requirements and therefore eliminate counter-party failure.

## DeFi has seen rapid adoption and growth in 2020

Total value locked capitalisation of Defi projects now stands above \$40BN USD.



Source: DeFi Pulse

## DeFi usage is growing

The decentalized finance ecosystem is witnessing explosive growth.



## From CeFi to DeFi

The amount of fees on Ethereum spent on ETH deposits to centralized exchanges has fallen from ~25% in 2017 to less than 1% today. For most of 2020 almost all fees spent on transactions involving centralized exchanges (CEXs) were used for ether withdrawals.



Sources: Coindesk & Glassnode

## Leading institutions are backing DeFi



## Leading institutions are backing DeFi



## Favorable Regulatory Environment Letter by the OCC

Highlights - Jan 4th, 2021

- National banks and federal savings associations ("**Banks**") can use public blockchain to validate, store, record and settle stablecoins transactions.
- Blockchain networks can mitigate costs for cross-border transactions as a "cheaper, faster, and more efficient" means of payment.
- Banks are allowed to run crypto nodes and utilized associated stablecoins for "permissible payment activities."

"Our letter removes any legal uncertainty about the authority of banks to connect to blockchains as validator nodes and thereby transact stablecoin payments on behalf of customers who are increasingly demanding the speed, efficiency, interoperability, and low cost associated with these products,"

- Brian Brooks, Acting Controller of the OCC and former Coinbase head of legal



Office of the Comptroller of the Currency

Washington, DC 20219

nterpretive Letter 1174 January 2021

OCC Chief Counsel's Interpretation on National Bank and Federal Savings Association Authority to Use Independent Node Verification Networks and Stablecoins for Payment Activities

January 4, 2021

#### I. Introduction and Summary Conclusion

This letter addresses the legal permissibility of certain payment-related activities that involve the use of new technologies, including the use of independent node verification networks (INVNs or networks) and stablecoins, to engage in and facilitate payment activities. National banks and Federal savings associations (collectively referred to as "banks") may use new technologies, including INVNs and related stablecoins, to perform bank-permissible functions, such as payment activities.

## **Recent Financing Opportunities**

Protocol	Category	Date	Last Raise	Notable investors in recentround
Futureswap	Derivatives	3/10/20	N/A	Framework, Synapse Capital, Lemniscap, ParaFi
Balancer Labs	Decentralized Exchange	3/24/20	\$3M	N/A
KEEPNetwork	Bitcoin for DeFi(tBTC)	4/2/20	\$7.7M	Paradigm, Fenbushi, Collaborative Fund, ParaFi
dForce	DeFiplatform	4/14/20	\$1.5M	Multicoin, Huobi, CMBI
Atomic Loans	Lending	4/14/20	\$2.45M	Initialized Capital, ConsenSys, Morgan CreekDigital
UMA	Financial contracts	4/29/20	N/A	N/A
Numerai	Hedge fund/Predictions	6/3/20	\$3M	USV, Dragonfly, Placeholder, Coinfund
Opyn	Derivatives	6/22/20	\$2.1M	Version One, 1kx, A.Capital, DTCCapital, Coinfund
The Graph	Indexing protocol	6/30/20	\$5M	Framework, ParaFi, Coinbase, Digital CurrencyGroup
DerivaDex	Derivatives	7/2/20	\$2.7M	Polychain, Coinbase, Dragonfly, Three Arrows, ElectricCapital
Aave	Lending	7/15/20	\$3M	Three Arrows, Framework, ParaFi
Teller	Credit scoring	7/16/20	\$1M	Framework, ParaFi
mStable	Stablecoin/Lending	7/17/20	N/A	Arthurox, DACM, Three Arrows
Orion Protocol	Liquidity aggregator	7/21/20	\$3.45M	N/A
Keeper DAO	Liquidity underwriter	7/31/20	N/A	Polychain, Three Arrows
Uniswap	Decentralized exchange	8/6/20	\$11M	A16Z, USV, Paradigm, ParaFi, SVAngel, Version One, A. Capital
1inch.exchange	Liquidity aggregator	8/11/20	\$2.8M	Binance Labs, FTX, Galaxy Digital, Dragonfly

## DeFi transforms a wide range of industries

From prediction markets to insurance and lending, many industries have the potential to be disrupted by decentralisation.



Sources: McKinsey, World Bank

Strategy

Consists of two pillars

### Exchange Traded Products

Through a partnership with Valour, we will codevelop Exchange Traded Products tracking single assets such as AAVE and Uniswap, as well as a basket of top DeFi protocols.

This removes the extreme complexity that exists when investing in DeFi and makes DeFi accessible from your brokerage account.

### **Trade & Equity**

We will maintain an actively managed and rebalanced portfolio of liquid investments. The projects we will invest into will have strong user engagement, liquidity, and growth potentials. They will provide exposure to the leaders of the different DeFi protocols.

Next to this, we also make a few bets on nascent DeFi platforms.

## Founding team has done it before

Combining public company crypto and FinTech expertise.





## First publicly listed cryptocurrency mining company (2017)

First platform that allows holdings of private unicorn shares to get financing secured by their stock

## Over \$1bn market cap as of December 2020

Over \$600M raised since 2018

## DeFi Trading – Bermuda

Bermuda strives to be one of the major hubs for cryptocurrency businesses. Back in 2017, the Prime Minister created a Blockchain task for to bring new crypto related business to the island, help create jobs and boost its GDP to prepare their economy and financial system for the future.

According to David Burt, their goal is to be the world's number one place for regulation inside this space.

We have created a unique structure in Bermuda that allows us to actively trade and hold DeFi tokens for Routemaster Capital.



## Portfolio - Equity

Luxor

Luxor Technology Corporation is a hashrate management platform that offers a wide range of hashrate based instruments such as mining pools and profit switching algorithms. Luxor is designing next-generation hashrate liquidation engines for miners. Luxor is also the developer of the leading mining data website, Hashrate Index.

Luxor developed two proprietary technologies that have the potential to supercharge returns for miners and mining pools. Luxor's Switch product is a proprietary profitswitching algorithm that maximizes earnings by switching between blockchains and venues to maximize hashrate rewards. Luxor plans to integrate Miner Extractable Value (MEV) avenues into its hashrate liquidation platforms to increase miner rewards.



Company: Luxor Tech
Website: luxor.tech
Deal Stage: Pre-Seed/Seed
Investment: \$100K USD
Deal Terms:
\$8M Valuation

## Portfolio - Equity

Valour Structured Products Inc.



Routemaster has executed a definitive agreement to acquire 20% of Valour.

Valour is a company focused on creating exchange traded products in the digital asset space. It's first product launched was was BTC Zero. Bitcoin Zero is the first fullyhedged, passive investment product with Bitcoin (BTC) as it's underlying asset and charges zero management fees.

## VALOUR

- In the month of December BTC Zero was the most traded ETP on the NGM exchange.
- Ended the 2020 fiscal year with 6.9 million in assets under management with less than one month of trading.
- Product intends to be listed on Börse Struttgart, SIX Stock Exchange and Berne Bourse in Q1 2020
- Launch of Ethereum Zero and subsequent digital asset products planned for Q1 2020

Company: Valour Website: valour.com Investment: 20% of Company

## Portfolio - Equity

Valour Structured Products Inc.



35000000

## Valour AUM increased **356.6%** during 2021

Bitcoin Zero zero management fees



Routemaster Capital is the first public market vehicle to provide investors with sector specific exposure to the Decentralized Finance Ecosystem

DeFi Holdings is a subsidiary of Routemaster Capital, an issuer listed on the NEO Exchange under ticker DEFI



### October 6, 2020

Announcement of Routemaster's acquisition of 49% of Defi Holdings, Inc. and added Wouter Witvoet, CEO of Secfi to advisory board. DeFi Holdings also announced partnership with leading blockchain pioneer, Paycase Financial.

### October 7, 2020

Announcement of \$2M Private Placement for Routemaster, primarily used to scale operations in the DeFi space.

### November 16, 2020

Closing of \$2M Private Placement -Investors include Ariane Capital, Valour Structured Products, HIVE Blockchain and executives from Snowflake, Alibaba, Secfi and ParTech.

### November 18, 2020

Routemaster enters into a definitive agreement to acquire 49% interest in DeFi Holdings Inc.

### November 26, 2020

Routemaster added Trapp Lewis, former executive at Alibaba Group and Yahoo!, to its advisory board. December 10, 2020

Toronto Stock Exchanged provided final approval for Routemaster's acquisition of 49% of Defi Holdings Inc.

### December 29, 2020

Announcement of Routemaster's Investment into Luxor Technology, a Hashrate Execution Plattform

### January 4, 2021

Routemaster Capital Signs LOI to Acquire 20% Interest in Valour Structured Products, a Leading Exchange Traded Products Issuer with a Focus on Digital Assets

### January 8, 2021

DeFi Holdings (a Subsidiary of Routemaster) Announces Establishment of Investment and Trading Subsidiary in Bermuda and a Partnership with Neversink River Capital

### January 12, 2021

DeFi Holdings Bermuda (A Subsidiary of Routemaster) Announces Investment in Diversified Basket of DeFi Protocols

### January 14, 2021

Routemaster enters into Definitive Agreement to Acquire Remaining 51% Interest in DeFi Holdings Inc., a Company Pursuing Investments in the Decentralized Finance Market

### January 20, 2021

Routemaster Announces Uplisting to NEO Exchange, Transition to Single Purpose Company and Other Corporate Updates

### January 27, 2021

Routemaster Capital Announces Investment in Maps.me, a Travel Application Bringing DeFi Services to Its Global User Base of 140 Million

### January 28, 2021

Routemaster Capital Completes the Acquisition of Remaining 51% Interest in DeFi Holdings, a Company Pursuing Opportunities in the Decentralized Finance Market

### February 3, 2021

Routemaster Capital Announces 102.6% Increase in Treasury Balance in Leading DeFi Protocols and Announces Thibaut Ceyrolle, Snowflake EMEA Founder as Special Advisor for Cloud Infrastructure; Olivier Roussy Newton Appointed as EIR

### February 12, 2021

Routemaster Capital Completes Acquisition of 20% Interest in Valour Structured Products, a Leading Exchange Traded Product Company Focused on Digital Assets





### **Daniyal Baizak**

- + CEO of Routemaster Capital (TSX.V:RM)
- + VP Corp. Dev. African Gold Group (TSX.V:AGG)
- + University of Toronto



### Ryan Ptolemy, CPA, CGA, CFA

- + CFO of Routemaster Capital (TSX.V:RM)
- + CFO of Aberdeen International (TSX:AAB)
- + FMR CFO of multiple public and private companies

## Officers

## Advisors



### **Wouter Witvoet**

- + Founder & CEO of Secfi
- + Raised over \$600M for Secfi
- + World Economic Forum Global Shapers
- + University of Cambridge



### **Trapp Lewis**

- + Managing Director at Palmetto Ventures
- + FMR Director at Yahoo!
- + FMR Senior Director at Alibaba Group



### **Thibaut Ceyrolle**

- + EMEA Founder at Snowflake
- + Advisor at Routemaster Capital
- + Former VP Sales EMEA Bazaarvoice



### **Olivier Roussy Newton**

- + Founder of Latent Capital
- + Founder & President of HIVE Blockchain
- + Chairman, Quantum Holdings
- + Raised over \$800M in past two years



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