

BITCARAT

...is not simply a milestone which sets in motion the transition towards a new paradigm, it is that new paradigm itself.

Introduction

The BitCarat platform is a scientific and technological foundation for a diamond marketplace with efficient price formation and deep liquidity. It is a blockchain-enabled effort to erase economic frictions that have shaped every major flaw in an otherwise the sound mechanism of the diamond industry.

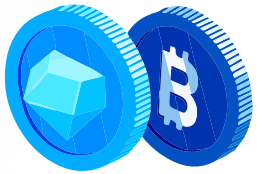
The Issues

- 1.** Diamonds are not fungible
- 2.** Diamonds are not a liquid investment asset
- 3.** There are no diamond futures flexible enough to meet the needs of the businesses in the diamond market
- 4.** The dealers buy back polished diamonds at over 60% of the retail price
- 5.** There is no well-established and fully functioning stablecoin to pave the way towards a complete digital economy

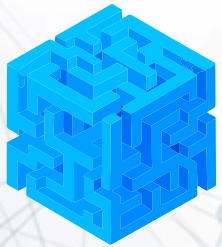
The Solution Start



The Blockchain - BitCarat, a custom blockchain with a dual currency monetary system and DPOS (Delegated Proof Of Stake) consensus protocol.

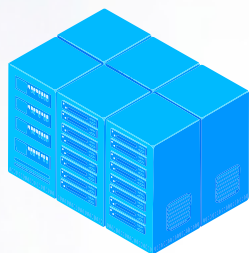


The Two Coins - price-stable coin backed by a portfolio of physical diamonds, and a staking coin fueling the economics of security of our blockchain.



The Pricing Algorithm - The diamond pricing formula utilizing ML (Machine Learning) techniques that underpins the coin issuance and redemption mechanism.

The Solution Plus



The DIAX Exchange - Private-blockchain-powered hybrid exchange, DIAX (Diamond-powered Digital Asset eXchange). In developing DIAX, we have been guided by the idea of providing an orderly, fair and transparent diamond marketplace.

Ultra low-latency high-throughput matching engine and advanced supporting infrastructure is the technological stack we provide to power the first liquid diamond marketplace.



The DIAX Futures - The first-in-breed platform for providing deep liquidity to and hosting trades in diamond futures with arbitrary specification of physical properties of the underlying gem.



The Digital Diamond Bank - Provides lending and margin trading services leveraging the benefits of a stable coin as a collateral unit.

Targeted Markets

- The Cryptocurrency Market - The volume traded every month stablecoins on the cryptocurrency market is over \$20 billion and growing at staggering rates.
- The Diamond Futures Market - Only \$150 million per month is traded on the futures market while the diamonds polishing industry imports over \$50 billion worth of these rough stones every year.
- The Fund Industry - Polished diamonds are shown to possess unmatched by any other asset class risk-return characteristics and diversification potential.
- The Retail Diamond Dealers - The re-selling price of a polished diamond or diamond jewelry is often over 60% of the retail price and each year over \$25 billion worth of polished diamonds are sold through retail dealers.

Team and Advisors



Aleksandr Malkov

Co-Founder and Chief
Executive Officer



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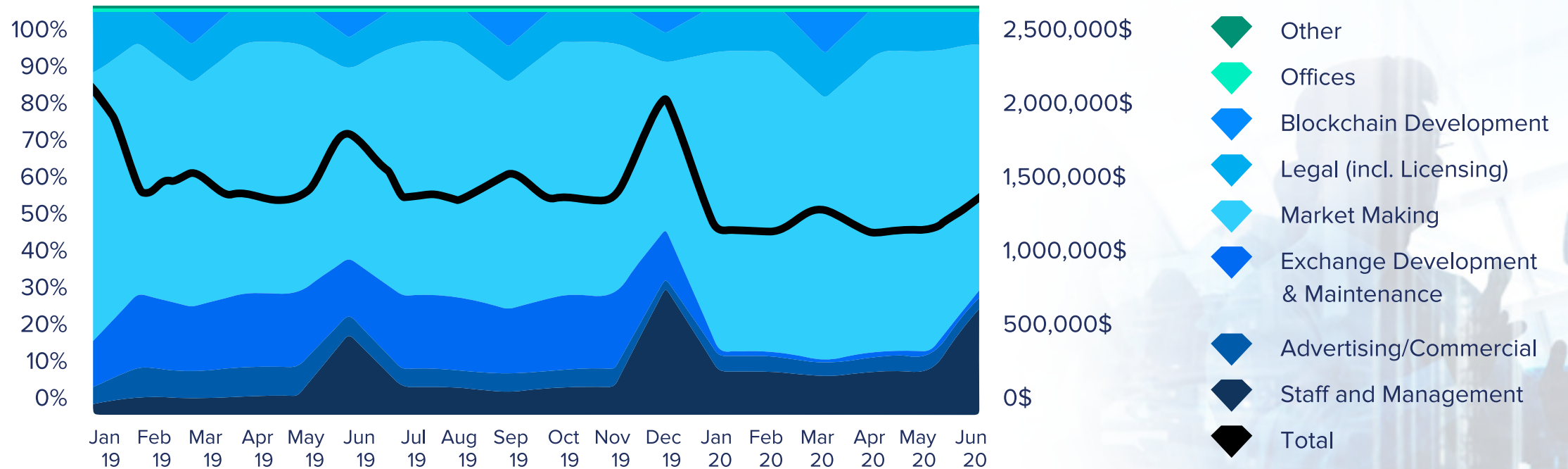
Fintech Advisor

Potential Partners

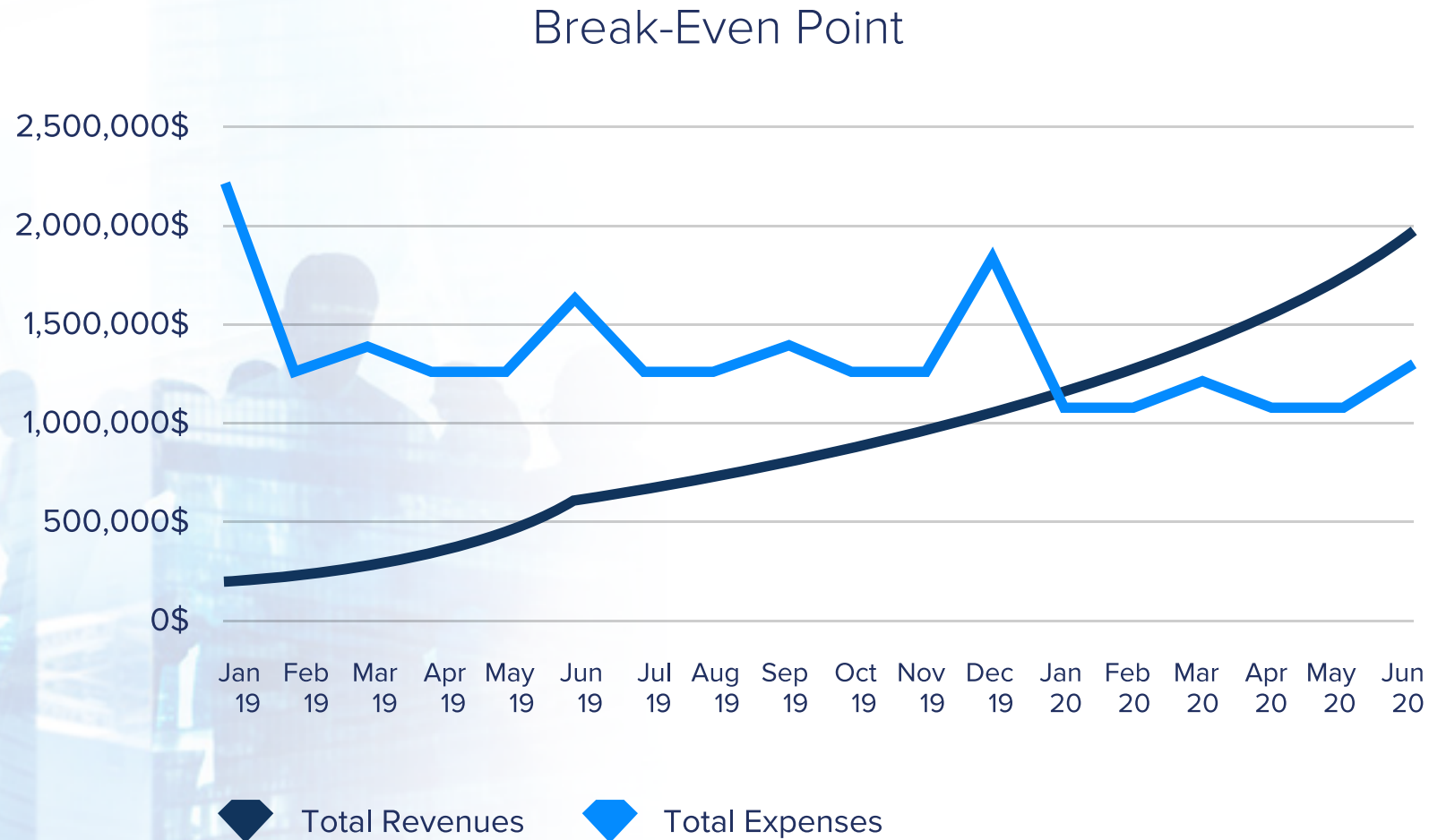


Financial Projections - Cost Structure

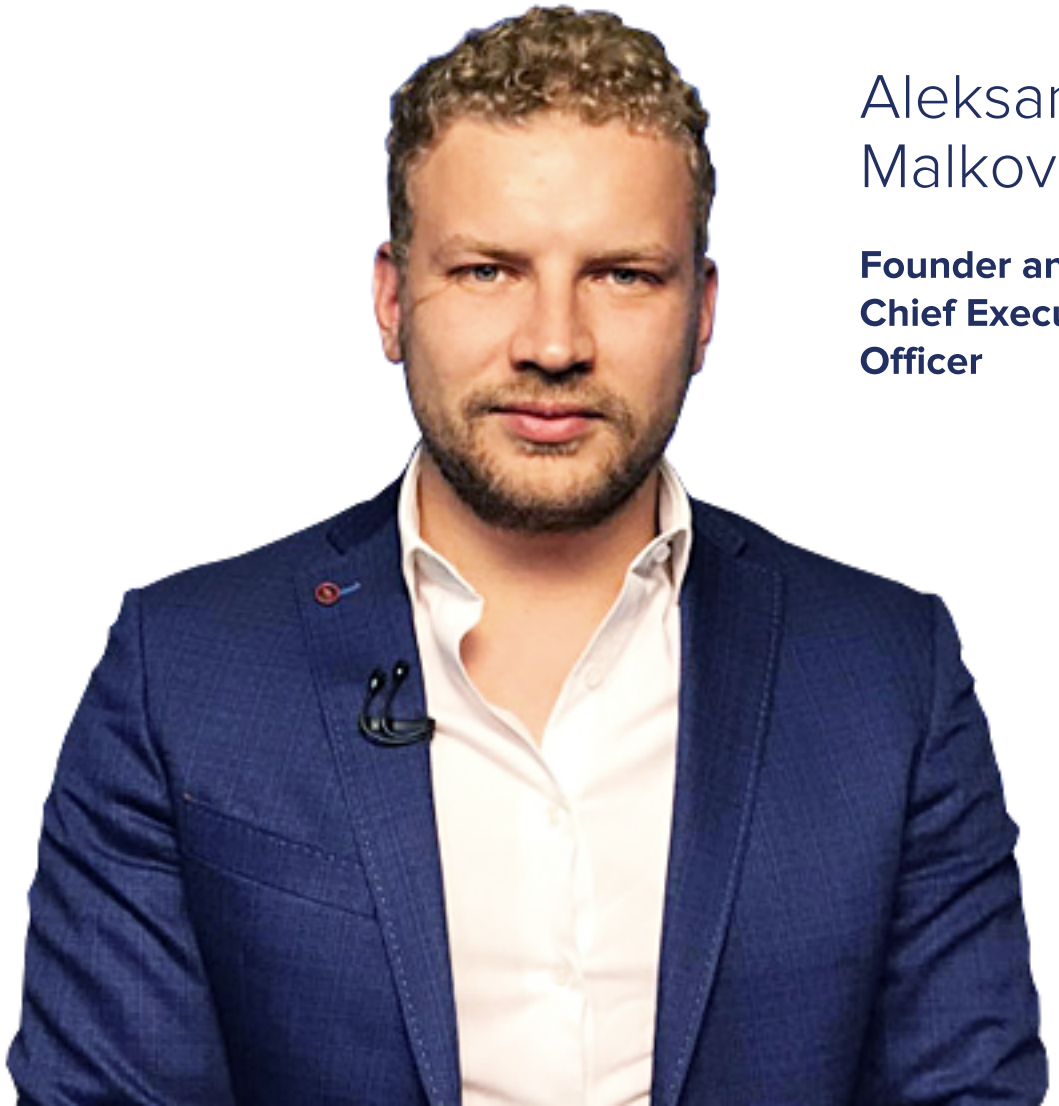
Expected Cost Structure



Financial Projections - Break-Even



Contact



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