

Performance	1 month	3 month	6 month	1 year	2 years p.a.	Since fund inception* p.a.
The Managed Fund	-20.30%	9.19%	42.32%	115.77%	177.78%	78.48%
Gold	1.18%	3.62%	6.67%	2.26%	7.90%	11.76%
S&P/ASX 200 Accumulated	2.75%	2.09%	3.84%	17.23%	9.03%	10.18%

\*Inception date 01/06/2018

### Market & Portfolio Commentary

It continues to be true that this sector is able to simultaneously excite and disappoint. The fund finished +116% for the calendar year, however, with the 20% drop to finish it somehow doesn't feel as good as it should. Our unit price closed the year at \$8.00.

In many ways it encapsulates what is going on in the sector, the pace of development is enormous as well as the rate of adoption but we still have the volatility to contend with because everything is new, both opportunities and problems. As an example, for a long time we hoped for institutional adoption of bitcoin and in 2021 we got it. The problem is, those institutions then behave like institutions and they bank profits for year end, which we suspect is one of the major reasons for the December sell off.

Most people will look back on 2021 as the year we got the Bitcoin futures ETF. The far more important activity was in May when China banned bitcoin mining. The state sponsored attack on the protocol was the final test, which bitcoin passed with flying colours. The mining hash rate, which crashed 50% at the time, has now fully recovered and stands at an all time high. It is an exceptional feat of engineering that so much computing power could be rehoused around the world in so short a period of time.

Outside of the core assets, 2022 promises to be interesting. DeFi is likely to have a rough road as many protocols face SEC action, but there will be winners as well. It is increasingly obvious that decentralisation is key, if a given protocol is truly decentralised it has a much better chance of long term survival than if it isn't.

From the fund's perspective, we are looking closely at video gaming and assets that reside within those game ecosystems. They are made for this technology and we fully expect to see video games and virtual worlds with economies the size of small countries over the next five years.

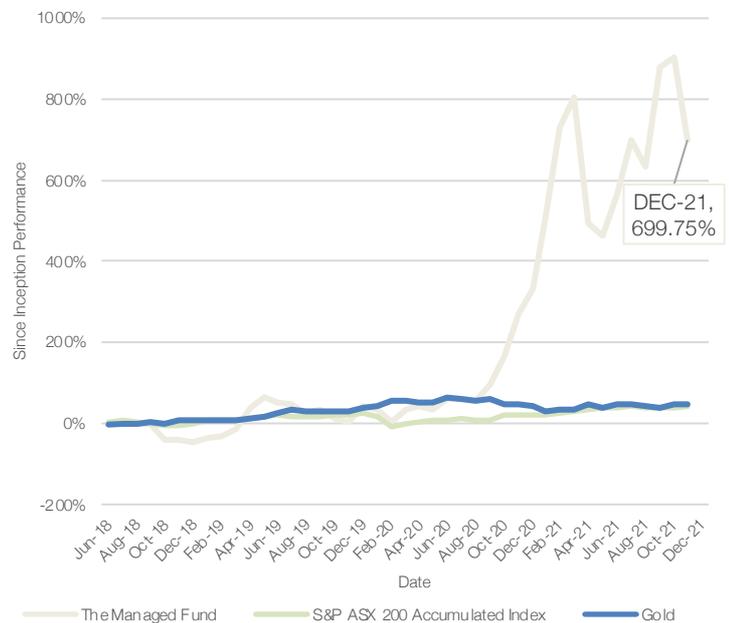
Fundamentally, this sector is about enabling ways in which individuals can exchange value with each other, both as creator and consumer. There is an enormous landscape to work with (almost the entire economy) and we are extremely encouraged by the developments we see technically, demographically and perhaps more importantly, in regulation.

We're looking ahead, not so much to 2022 but to this decade where we remain of the belief that decentralised technology will play a much larger role in peoples lives than it does today.

### Portfolio Weightings



### Since Inception Performance



Source: ListedReserve, TradingView

### Fund Risk Measures

Sortino (annual)	1.28
Sharpe (annual)	1.09
Daily 95% VaR (%)	6.22

Measures based upon The Managed Fund daily unit price returns and daily underlying asset returns and portfolio weightings since inception.

### Bitcoin Market Data

Bitcoin Hash Rate (90 day average)	177.3 EH/s
Bitcoin price in Oz Gold	25.7 Oz
% of gold market cap	7.43%
% of supply in corporate treasuries	8.78%
GBTC Premium	-23.69%
Chain size	435.8 GB
Tether MCAP	USD 78.3 Billion
Days to next halving	852

Source: Clark Moody

# LISTEDRESERVE

## The Managed Fund

Monthly Report | December 2021

Unit Price: \$8.00

MoM Return: -20.3%

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2021	17.02%	40.38%	36.43%	8.66%	-34.01%	-5.66%	18.38%	20.06%	-8.29%	33.65%	2.52%	-20.30%	115.77%
2020	35.86%	-4.71%	-21.45%	26.73%	7.36%	-7.06%	19.40%	2.00%	-3.91%	26.50%	34.52%	39.66%	257.61%
2019	-10.93%	15.66%	8.87%	27.53%	61.76%	18.75%	-7.20%	-5.05%	-13.81%	8.05%	-16.22%	-8.82%	72.25%
2018						0.00%	0.00%	-0.96%	1.14%	-0.56%	-38.04%	-2.50%	-39.83%

Source: ListedReserve

## Blog

For deep dives into topics within the digital asset and decentralised systems space make sure to subscribe to the ListedReserve [blog](#) for our weekly newsletter.

December's newsletters:

[The Most Expensive Shoes in the World](#)

[How to Lose \\$1 Billion in One Afternoon](#)

[Thought Experiments for 2022](#)

## Contact

Address: Suite 1, 185 Gloucester St, Sydney, NSW, Australia 2000

Phone: 0448 883 989, Daniel Pickering CIO

Email: [info@listedreserve.com](mailto:info@listedreserve.com)

## Glossary

**Hash:** a measure of the amount of computing power currently mining bitcoin. This is critical to the security model long term and is an indicator of the willingness of participants to make long term investments in the sector. EH/s are exahashees per second. it is  $10^{12}$  (check) calculations per second. Bitcoin is the largest single linked computation ever undertaken by humanity.

**Bitcoin price in Gold:** the first target for bitcoin as a store of value is to overtake gold. We consider its price in gold and its percentage of market cap to be relevant measure of progress to that goal.

**% of supply in corporate treasuries:** the amount held by corporates and professional managers, like ETFs. Expect to see this above 50% before the end of the decade and possibly sooner. As it rises, volatility will fall.

**GBTC Premium:** this is the Grayscale bitcoin trust premium (or deficit) when negative.

**Chain size:** we need this to grow less quickly than individual laptop hard drive capacity. Critical to the decentralised model is that an entire copy of the blockchain can be held on an individual computer.

**Tether Market Cap:** Tether is the digital version of the USD, growth in Tether indicates growth in trading and is a good proxy for general interest in the sector since people often transit via Tether into other assets

**Days to next halving:** days until the next 50% cut in the new bitcoin supply. A big driver of price in the past.

Disclaimer: this report sheet is not an offer or solicitation with respect to the purchase or sale of any investment. You should not rely on this document if or when deciding whether or not to make an investment in The Managed Fund. It is important that you carefully read the Information Memorandum for The Managed Fund in full and seek appropriate advice before investing. This summary sheet is for discussion purposes only and has been provided on a confidential basis to provide summary information regarding The Managed Fund. Past performance is not a reliable indicator of future performance.

## Fund Information

Fund name	The Managed Fund
Portfolio Manager	Daniel Pickering
Investor type	Wholesale investors
Minimum investment	\$100,000
Outlook	5 years +
Unit pricing	Daily
Redemption period	Monthly