2024-04-18 @schmidt1024

# CIRCULAR ECONOMY WITH MONERO



Speaker: Alexander Schmidt getmonero.org

#### **ALEXANDER SCHMIDT**

Software Engineer

Austrian School

Privacy Advocate

Free Speech

Monero Enthusiast

@schmidt1024

## AGENDA



#### 0.1 CIRCULAR ECONOMY

Austrian School of Economics

#### 0.2 MONERO

Key Features, Status Quo, Merchant Tools

#### 0.3 CALL TO BUSINESS

Theoretical and pratical examples

0.1

# CIRCULAR ECONOMY

Market-Driven Process
Individual Choice
Spontaneous Order
Subjective Value
Economic Actors Motivation
Market Framework
Price Signals & Property Rights
Naturally Evolving



#### MARKET-DRIVEN PROCESS

The plans of people and people will not be fully coordinated and corresponding, because people act according to their own purposes.

Only individuals make choices.

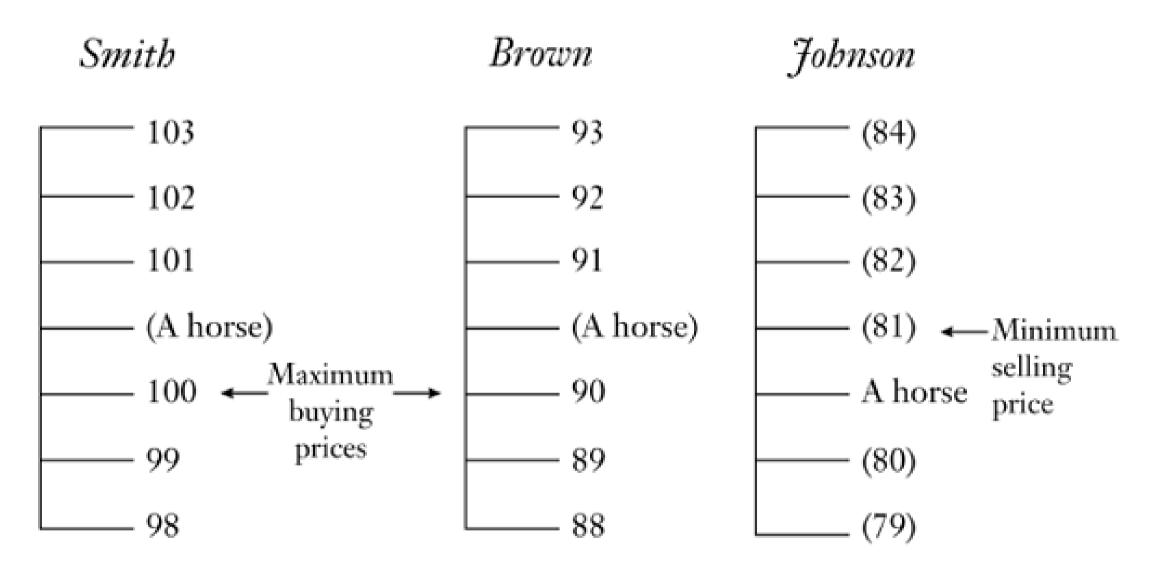
Collective entities do not choose.

#### SPONTANEOUS ORDER

66 ... the result of human action, but not the execution of any human design.

Adam Ferguson

#### SUBJECTIVE VALUE



Source: https://mises.org/mises-daily/subjective-value-theory

#### ECONOMIC ACTORS MOTIVATION

Driven by profit and efficiency to reduce waste and reuse resources.

#### MARKET FRAMEWORK

Operates within the confines of voluntary exchange and competition.

#### PRICE SIGNALS & PROPERTY RIGHTS

Essential for sustainable practices and efficient resource allocation.

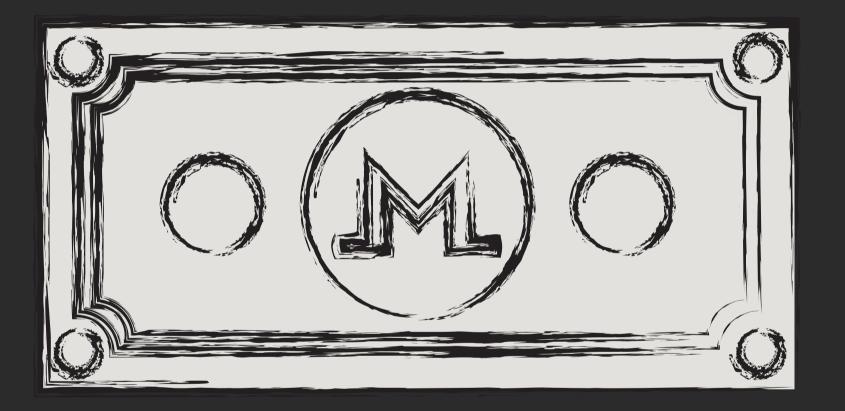
#### NATURAL EVOLVING

Led by consumer preferences and technological advancements, without centralized planning.

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# MONERO

Key Features
Status Quo
Wallets
Payment Tools



# Key Features

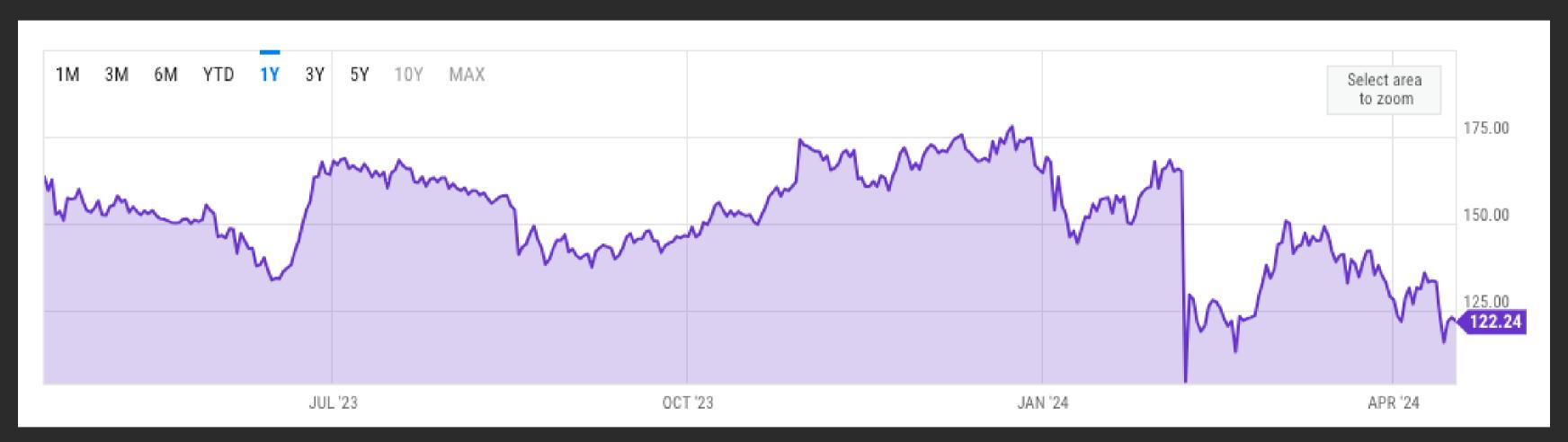
1/2	Fiat Cash	Digital Fiat	Bitcoin	Monero
Fungebility	High	None	None	Very High
Transaction Privacy	High	None	Medium (Difficult)	Very High
Ease of Transaction	High	High	High	High
Transaction Costs	None	Variable	Variable	Very Low
Fraud Risk	Medium	Medium	Low	Low
Geographical Reach	Limited	High	Very High (global)	Very High (global)
Record Keeping	None	Very High (surveilled)	Very High (surveilled)	Very High (private)

2/2	Fiat Cash	Digital Fiat	Bitcoin	Monero
E-Commerce Integration	None	High	High	High
Volatility	Low	Low	High	Medium
Legal Compliance	High	High	Medium	None
Customer Base	General	General	Niche	Niche
Scarce (Inflation Proof)	None	None	Very High	High
Settlement Speed	Instant	Fast	Medium	Fast
Chargeback Risk	None	High	None	None

# Status Quo

#### PRICE

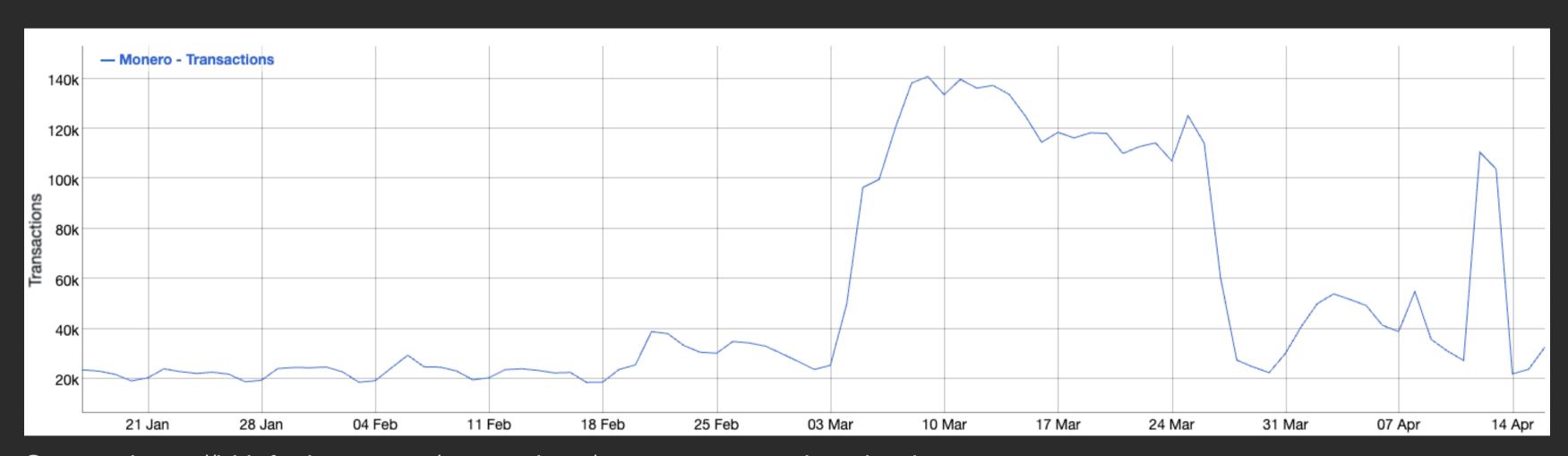
#### 122.24 USD (April 17th 2024)



Source: https://ycharts.com/indicators/monero\_price

#### TRANSACTIONS

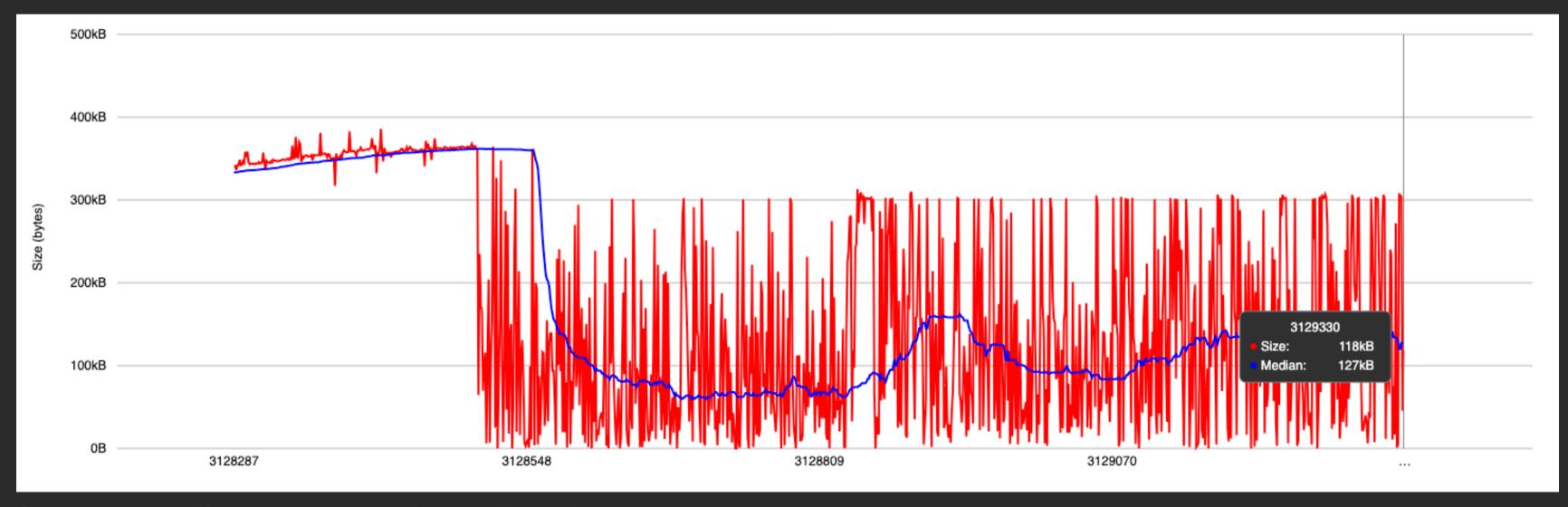
#### 41,602 per day (April 17th 2024)



Source: https://bitinfocharts.com/comparison/monero-transactions.html

#### MEDIAN & BLOCK SIZES

Median: 127kB, Size: 118kB (last 1440 blocks, April 17th 2024)



Source: https://localmonero.co/blocks/stats/block-medians

# Interventionism

## MARKETS IN CRYPTO-ASSETS REGULATION (MICA)

Article 76, Paragraph 1.3

"The operating rules of the trading platform for crypto-assets shall prevent the admission to trading of crypto-assets that have an inbuilt anonymisation function unless the holders of those crypto-assets and their transaction history can be identified by the crypto-asset service providers operating a trading platform for crypto-assets."

Source: https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32023R1114

#### DELISTINGS

2024 Jun - Kraken (Ireland, Belgium)

2024 Feb - Binance (global)

2024 Jan - OKX (global)

2022 Sep - Huobi (global)

2021 Nov - Kraken (UK)

2021 Jan - Bittrex (global)

2020 Nov - ShapeShift (global)

2020 Aug - Coinspot [AU]

Coinbase never listed Monero Crypto.com don't list Monero Bitcoin.de never listed Monero

Still listed on

KuCoin

**Bitfinex** 

Kraken (except in UK, IR and BE)



## Merchant Tools

#### WALLETS

Mobile	Desktop	Hardware	
Cake Wallet	Monero GUI Wallet 🛑 🛑	Ledger Nano (S, S Plus, and X)	
MyMonero	Feather Wallet 🛑 🛑	Trezor Model T	
Monerujo •	Cake Wallet 🛑 🛑		
Edge	MyMonero		

Android

Linux

oiOS / MacOS

Windows

#### PAYMENT GATEWAYS

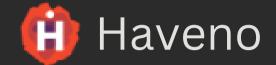
	Open Source	Self-Custody	Convert to Stablecoin	Convert to Fiat
BTCPay Server			(additional work)	(additional work)
MoneroPay			X (manually)	X (manually)
NOWPayments	X	X		✓ (KYC required)
CoinPayments	X	X		X (manually)
Monero Integrations			X (manually)	× (manually)

Source: https://getmonero.dev/docs/accepting-monero/overview

#### DECENTRALIZED EXCHANGES







Robosats

Unstoppable Swap

Wizardswap

Majestic Bank

Exch

Agoradesk

Bitcoinnvn

Tradeogre

Infinity

Crypton Exchange

Xchange.me

Coinswap

ChangeNow

Letsexchange

Stealthex

Exolix

Source: https://kycnot.me/?t=exchange&q=&xmr=on

0.3

# CALL TO BUSINESS

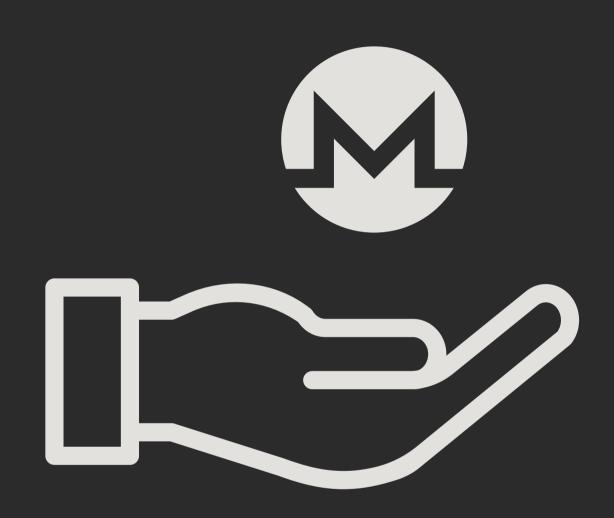
Theoretical Example

Selling Smartphones

**Practical Example** 

ShopInBit

Merchants & Businesses



#### SELLING SMARTPHONES

**Sale**: Customers purchase smartphones using Monero, facilitated by BTCPay Server

Trade-in: Customers trade in their old phones, receiving XMR

**Refurbishment**: The business refurbishes traded-in phones, promoting sustainability

**Resale**: Refurbished phones are sold for XMR, completing the circular economy loop

#### SHOPINBIT

Over 90'000 products

Accepting Monero and Bitcoin

Provides Discount for XMR and BTC payments

Available in Europe, ships to USA and Canada

https://shopinbit.com



#XMR: 56.91%

#Bitcoin 3: 38.27%

Lightning: 2.59%

FIAT: 2.23%

#### MERCHANTS AND BUSINESSES

#### **Monerica**

A directory for a Monero circular economy

XMR Directory

Directory for the Monero economy

Merchants & Exchanges
Official Website's Merchants Page

The concept of a Circular Economy integrated with Monero offers a compelling vision for sustainable economic practices.

Implementing systems like BTCPay Server allows businesses to accept cryptocurrency easily, promoting **economic freedom** and reducing reliance on traditional banking.

This approach not only supports environmental sustainability by minimizing waste but also bolsters **economic autonomy** by leveraging secure, private transactions in Monero.





#### SLIDES

https://itr.im/cexmr

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**Market-Driven Process** 

https://www.scirp.org/journal/paperinformation?

paperid=90876#:~:text=According%20to%20the%20Austrian%20theory,according%20to%20their%20own%20purposes.

Individual Choice

https://www.econlib.org/library/Enc/AustrianSchoolofEconomics.html#:~:text=Only%20individuals%20make%20choices %3B%20collective,unintended%20consequences%20of%20individual%20choices.

Spontaneous Order

https://www.forbes.com/sites/billconerly/2017/10/30/business-planning-with-austrian-economics-spontaneous-order/?sh=5efe217d80d0

Subjective Value

https://mises.org/mises-daily/subjective-value-theory

Price Signals

https://www.econlib.org/library/Enc/AustrianSchoolofEconomics.html

#### delistings

Kraken

https://support.kraken.com/hc/en-us/articles/notice-of-asset-delisting-in-ireland-and-belgium-for-monero-xmr https://cointelegraph.com/news/kraken-to-delist-monero-for-uk-customers-by-the-end-of-november

Binance

https://www.binance.com/en/support/announcement/binance-will-delist-ant-multi-vai-xmr-on-2024-02-20-f73b083ba6834771b07dbe5319917ae5

OKX

https://www.okx.com/help/okx-to-delist-several-spot-trading-pairs-12-29

Huobi

https://cointelegraph.com/news/huobi-to-delist-monero-and-other-privacy-coins-citing-regulatory-pressures

delistings

Bittrex

https://cointelegraph.com/news/regulators-dial-up-the-heat-dash-zec-and-monero-reach-boiling-point

Shapeshift

https://uk.movies.yahoo.com/shapeshift-delists-privacy-coin-zcash-192105922.html?guccounter=1

Coinspot

https://coinspot.zendesk.com/hc/en-us/articles/360001798256-CoinSpot-will-be-delisting-Monero-XMR-Bytecoin-BCN-ZCoin-XZC

Coinbase never listed

https://cointelegraph.com/news/coinbase-ceo-exchange-wont-list-xmr-due-to-issue-with-regulators

Bitfinex

https://blog.bitfinex.com/education/the-fortunes-of-monero/

Monero

https://getmonero.org/

Median & Block Sizes

https://localmonero.co/blocks/stats/block-medians

MiCA

https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32023R1114

https://www.esma.europa.eu/esmas-activities/digital-finance-and-innovation/markets-crypto-assets-regulation-mica

Wallets

Monero GUI <a href="https://www.getmonero.org/downloads/">https://www.getmonero.org/downloads/</a>

Feather Wallet <a href="https://featherwallet.org/">https://featherwallet.org/</a>

Cake Wallet <a href="https://cakewallet.com/">https://cakewallet.com/</a>

MyMonero <a href="https://mymonero.com/">https://mymonero.com/</a>

Monerujo <a href="https://www.monerujo.io/">https://www.monerujo.io/</a>

edge <a href="https://edge.app/monero-wallet/?af=getmonero-org">https://edge.app/monero-wallet/?af=getmonero-org</a>

Ledger <a href="https://support.ledger.com/hc/en-us/articles/360006352934-Monero-XMR?docs=true">https://support.ledger.com/hc/en-us/articles/360006352934-Monero-XMR?docs=true</a>

Trezor <a href="https://trezor.io/learn/a/monero-xmr-on-trezor-model-t">https://trezor.io/learn/a/monero-xmr-on-trezor-model-t</a>

Payment Gateways <a href="https://getmonero.dev/docs/accepting-monero/overview">https://getmonero.dev/docs/accepting-monero/overview</a>

BTCPay Server <a href="https://btcpayserver.org/">https://btcpayserver.org/</a>

Accepting Monero via BTCPay Server <a href="https://sethforprivacy.com/guides/accepting-monero-via-btcpay-server/">https://sethforprivacy.com/guides/accepting-monero-via-btcpay-server/</a>

MoneroPay <a href="https://moneropay.eu/">https://moneropay.eu/</a>

NOWPayments <a href="https://nowpayments.io/">https://nowpayments.io/</a>

CoinPayments <a href="https://www.coinpayments.net/">https://www.coinpayments.net/</a>

Monero Integrations <a href="https://monerointegrations.com/">https://monerointegrations.com/</a>

Cryptomus <a href="https://cryptomus.com/white-label">https://cryptomus.com/white-label</a>

ForgingBlock <a href="https://forgingblock.io/">https://forgingblock.io/</a>

Decentralized Exchanges Bitcoinnvn <a href="https://bitcoinvn.io/">https://bitcoinvn.io/</a>

Bisq <a href="https://bisq.network/">https://bisq.network/</a> Tradeogre <a href="https://tradeogre.com/">https://tradeogre.com/</a>

LocalMonero <a href="https://localmonero.co/">https://localmonero.co/</a> Infinity <a href="https://exchanger.infinity.taxi/">https://exchanger.infinity.taxi/</a>

Haveno <a href="https://haveno.exchange/">https://crp.is/</a>
Crypton Exchange <a href="https://crp.is/">https://crp.is/</a>

Robosats <a href="https://dex.robosats.com/">https://dex.robosats.com/</a> Xchange.me <a href="https://xchange.me/">https://xchange.me/</a>

Unstoppable Swap <a href="https://unstoppableswap.net/">https://unstoppableswap.net/</a> Coinswap <a href="https://coinswap.click/">https://coinswap.click/</a>

Wizardswap <a href="https://www.wizardswap.io/">https://www.wizardswap.io/</a> ChangeNow <a href="https://changenow.io/">https://changenow.io/</a>

Majestic Bank <a href="https://majesticbank.sc/">https://majesticbank.sc/</a> Letsexchange <a href="https://letsexchange.io/">https://letsexchange.io/</a>

Exch <a href="https://exch.cx/">https://exch.cx/</a>
Stealthex <a href="https://stealthex.io/">https://stealthex.io/</a>

Agoradesk <a href="https://agoradesk.com/">https://agoradesk.com/</a> Exolix <a href="https://exolix.com/">https://exolix.com/</a>

ShopInBit

https://shopinbit.com/

Merchants and Businesses

Monerica

https://monerica.com/

**XMR** Directory

https://xmr.directory/

Merchants & Exchanges

https://www.getmonero.org/community/merchants/

Resources

https://monero.observer/resources/

https://www.monero.how/