

THE CASE FOR CARDANO



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Facts about Cardano

Founded by Ethereum's Co-founder, Charles Hoskinson, in 2015

Launched in 2017 by Hoskinson's company IOHK

Cardano relies on Proof of Stake protocols

Cardano's ADA tokens have a strict cap of 45 billion tokens

Currently, almost 32 billion tokens have been mined

Cardano's Market Cap is almost \$50 billion at \$1.54 per ADA token

Currently #5 in Market Cap behind Bitcoin, Ethereum, Tether, and Binance Coin

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POTENTIAL TO DISRUPT THE MARKET

▶ 183.102

▶ 154.178

▶ 245.57

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Cardano's Potential

Used peer-reviewed scientific research to build its platform

Faster speeds than most other blockchains

Less energy usage than most other blockchains

Focus on governments to expand globally

Peer- Reviewed Scientific Research



Faster Speeds



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	Ripple	Lite coin	Bitcoin	Bitcoin Cash	Bitcoin SV	Ethereum	Ethereum 2.0 (not occurring until late 2021 or 2022)	Cardano
Approximate transactions per second (TPS)	15,000 TPS	56 TPS	4-7 TPS	300 TPS	224 TPS	15-30 TPS	10,000 TPS	Up to 1 million TPS (w/ Hydra Ouroboros, but currently capped at 6.5 TPS based on demand)

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Less Energy



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	Ripple	Litecoin	Bitcoin Cash	Bitcoin SV	Bitcoin	Ethereum	Ethereum 2.0 (not occurring until late 2021 or 2022)	Cardano
TWh consumption annually	0.004744 TWh	3.2 TWh	3.4 TWh	<1 TWh	114 TWh	44 TWh	0.0053 TWh	0.006 TWh
kWh consumption per transaction	0.0079 kWh	18.522 kWh	18.957 kWh	Data Unavailable	1568.86 kWh	113.71 kWh	.035 kWh	0.5479 kWh

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<https://forum.cardano.org/t/how-cardano-uses-significantly-less-energy-while-maintaining-the-same-level-of-security-as-bitcoin/62629>
<https://www.laptopmag.com/best-picks/most-energy-efficient-cryptocurrencies-the-best-picks-for-teslas-new-coin>
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Cardano's Focus on Governments



CARDANO
AFRICA
2021

Ethiopian Education System

Cardano partnered with the Ethiopian government to transform the education system using their smart contract platform.

Students across Ethiopia will be given a digital identity (DID). This metadata will carry all information regarding the student's academic performance throughout school.

5 million students and 700,000 teachers from 3,500 schools across Ethiopia using Atala PRISM (Cardano's decentralized identity solution technology) are currently being integrated with the Cardano blockchain.

When these millions of students graduate, as they go into the economy, Cardano's hope is for this infrastructure to be used for buying property, for payments, for voting and any other economic matters.

<https://pr.reblonde.com/world-mobile-input-output/>

<https://beincrypto.com/a-look-inside-cardanos-big-blockchain-plans-for-africa/>

<https://iohk.io/en/blog/posts/2021/04/28/decentralized-identity-on-the-blockchain-is-the-key-to-iohks-vision-for-africa/>

Tanzanian Infrastructure

Cardano partnered with World Mobile Group to bring sustainable internet connectivity using renewable, solar-powered energy to Tanzania.

Together, the companies will provide affordable network nodes, based on Cardano's blockchain infrastructure, to local business owners. These network nodes will act as local relays for internet connectivity.

Subscribers to these networks will be able to access Atala PRISM, providing services such as digital banking, healthcare, and education.

Ask The Doctor

Ask The Doctor, a global digital healthcare platform, announced in March that it will switch its AskToken to Cardano.

The AskToken will first be deployed in Africa, before launching in other parts of the world.

The AskToken is currently an ERC-20 utility token on the Ethereum blockchain.

Ask The Doctor enables users to earn crypto by learning about basic healthcare. They can then use what they've earned to pay for doctors and medication.



QUESTIONS?