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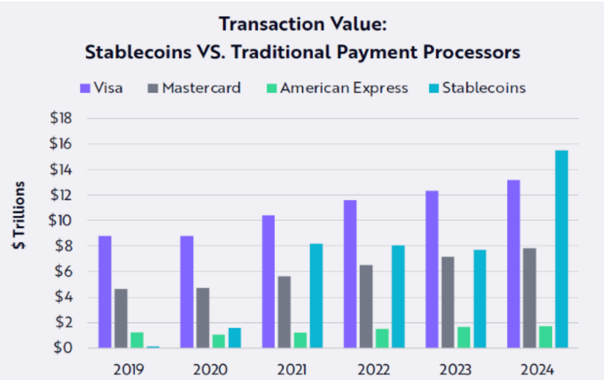
Stablecoins and Real-World Assets (RWAs) – The future of blockchain adoption

Blockchain technology is increasingly evolving from a purely cryptocurrency infrastructure to an essential component of global financial systems. Two of the most influential current use cases are stablecoins and real-world assets (RWAs), which have already reached significant market volumes and are having a transformative impact on the financial sector.

Blockchain networks offer significant advantages over traditional settlement technologies: they enable transparency, efficiency, low transaction costs, fast settlement, and interoperability. This is not just about settling cryptocurrencies but also about the settlement function for tokenized assets that represent currencies and other financial instruments on the blockchain.

Stablecoins: connecting blockchain and fiat money

Stablecoins are digital assets pegged to fiat currencies such as the US dollar, combining price stability with the benefits of blockchain technology. They serve as a bridge between decentralized financial markets and the traditional economy by enabling cost-effective, fast, and transparent payments.



Transaction volume of stablecoins / Source: ARK Invest

Current market analysis shows that the transaction volume of stablecoins has now surpassed that of major card networks like Visa. This highlights the growing trust in stablecoins as a medium of exchange and store of value.

Key use cases include:

- **International payments:** Reducing costs and settlement times compared to SWIFT transfers.
- **Decentralized finance applications:** Used as a liquidity source, lending, and collateral for financial instruments.
- **Trading and settlement:** More efficient and transparent processes for buying, selling, and settling financial instruments through automated smart contracts or central exchanges.

A strategic tool for Dollar dominance

The Trump administration declared stablecoins a "national priority" through an Executive Order to secure dollar dominance and position the US as the “crypto world capital.” This marks a significant shift from the previous administration, which focused more on strict regulations.

The US promotion of stablecoins is part of a strategic financial and innovation policy. By establishing a regulated stablecoin market, the US can secure its dominant role in the global financial

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system by positioning the US dollar as the leading digital currency.

Around 98% of stablecoins are pegged to the US dollar, with Tether (USDT) and USD Coin (USDC) dominating the market with approximately 90% market share of the current $225 billion market. Tether alone holds almost $100 billion in US Treasuries, making it comparable to the reserves of some nation-states and creating stable demand for US government securities. This structure strengthens dollar dominance, while the targeted promotion of stablecoins and RWAs increasingly serves as a strategic tool for US financial and innovation policy.

RWAs: the future of assets on the blockchain

Real-World Assets (RWAs) are tangible assets such as real estate, bonds, or commodities that are digitized and made tradable through blockchain technology – a concept that is gaining increasing importance. Stablecoins were the first RWAs and brought real-world currencies like the US dollar to the blockchain, laying the foundation for the tokenization of more complex assets. Larry Fink, CEO of BlackRock, has repeatedly highlighted this trend, emphasizing that "tokenization will revolutionize the way we trade and manage assets."

Total value of all tokenized assets / Source: DeFi Llama

The RWA sector is growing rapidly: without stablecoins, the Total Value Locked (TVL) – the total value of tokenized RWAs in smart contracts – currently stands at around $9 billion. US Treasuries dominate the market, with protocols like Ondo Finance and BlackRock's BUIDL playing central roles. Franklin Templeton and JPMorgan are also driving the development with their own tokenized products.

The Executive Order issued in January has significantly reduced regulatory uncertainties for digital assets, paving the way for rapid growth in the RWA market. Analysts expect a volume of $10 to $30 trillion by 2030.

Accelerators of blockchain adoption

The rapid development of stablecoins and RWAs shows that public blockchains are increasingly being accepted as infrastructure for the global financial market. While stablecoins are already transforming payment networks, RWAs are setting new standards for asset management and investment. In the long term, this could lay the foundation for a predominantly tokenized economy in which traditional financial instruments and digital assets interact seamlessly.

Stablecoins and RWAs are more than just trends – they represent the transition to a new financial architecture that maximizes efficiency, transparency, and accessibility. While stablecoins already dominate central payment flows, the tokenization of real assets will further accelerate institutional capital flows into public blockchains. This development boosts the network effects of the underlying blockchains and directly results in higher crypto adoption.

Those looking to capitalize on this growth can invest in this infrastructure – public blockchains that serve as the foundation for the global token economy. To profit independently of the network, a diversified approach is recommended.

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