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## Ethereum Marks Decade of Blockchain Innovation

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Ethereum, one of the world's leading blockchain platforms, marks its tenth anniversary this week. Launched on July 30, 2015, Ethereum has evolved from a whitepaper proposal into a major decentralized ecosystem supporting a wide range of applications. It remains the second-largest blockchain network by market capitalization, following Bitcoin.

Since its inception, Ethereum has processed trillions of dollars in transactions and now handles approximately 1.5 million transactions

daily. It has become the foundational infrastructure for thousands of decentralized applications (dApps), particularly in areas such as decentralized finance (DeFi), gaming, digital identity, and non-fungible tokens (NFTs).

One of Ethereum's most significant milestones was its transition from proof-of-work to proof-of-stake in September 2022, a change that reduced the network's energy consumption by more than 99 percent. The shift, known as "the Merge," was part of Ethereum's long-term roadmap to improve scalability and sustainability.



As of 2024, Ethereum supports over 4,000 dApps and accounts for roughly 85 percent of all Layer-2 blockchain transaction volume. These scaling solutions help the network manage high demand and lower transaction fees. Ethereum's total transaction fee revenue reached approximately \$7.3 billion in the last year alone. The value locked in DeFi protocols on Ethereum now exceeds \$85 billion.

According to recent reports, around 60 percent of Fortune 500 companies are experimenting with blockchain technology, and many of them are using Ethereum-compatible systems. Enterprises use Ethereum for purposes such as digital asset settlement, supply chain tracking, and secure identity verification.

Ethereum's development has been driven by a global community of open-source developers. The network has also withstood major challenges, including the 2016 DAO exploit and multiple market downturns. Its resilience has made it one of the most trusted platforms in the blockchain industry.

Currently, over 33 million Ether are staked on the Beacon Chain, accounting for more than 28 percent of the total ETH supply. Institutional interest has also grown, with more than 60 percent of staked Ether held by large investors.

Despite its achievements, Ethereum faces ongoing challenges. Scaling the network to accommodate wider adoption while preserving decentralization remains a top priority. Regulatory uncertainty is another key issue, as governments worldwide develop policies to govern digital assets.



Ethereum's tenth anniversary highlights its transformation from an experimental platform into a central component of the global blockchain landscape. Its next phase will focus on expanding capacity, improving usability, and adapting to a rapidly evolving financial and technological environment.