



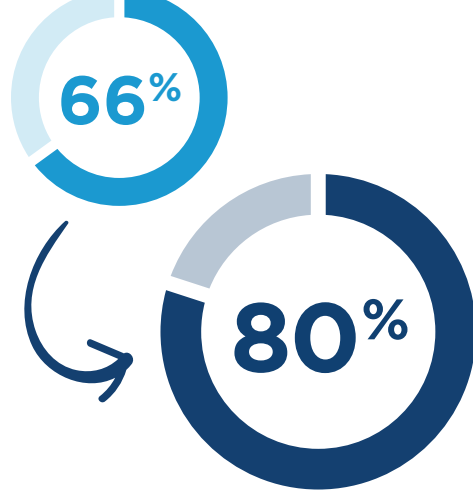
CURRENT STATE:

# BLOCKCHAIN ADOPTION IN 2020

APQC and Supply Chain Management Review collected information in April 2020 from 86 supply chain professionals about the use and planned adoption of blockchain in supply chains around the world.

Blockchain refers to peer-to-peer distributed ledger technology that can record transactions between two parties efficiently and in a verifiable and permanent way, enabling tracking and traceability.

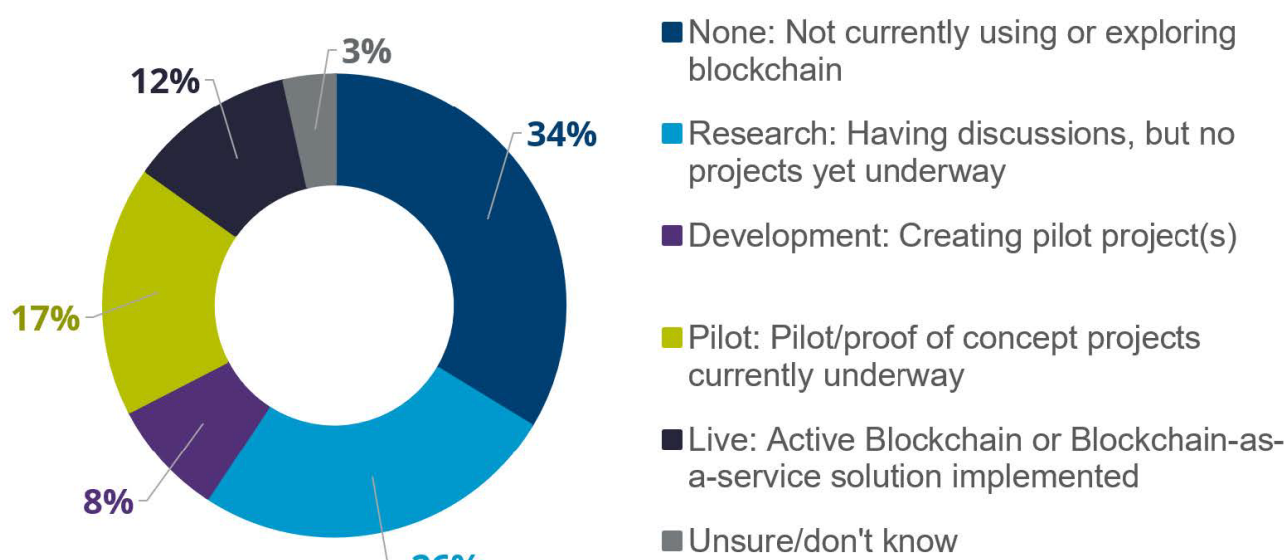
## FAMILIARITY WITH BLOCKCHAIN



**Blockchain is becoming increasingly well known.** In 2020, 80% of participants said they're familiar with blockchain. In 2019, that figure was only 66%.

## CURRENT USE OF BLOCKCHAIN

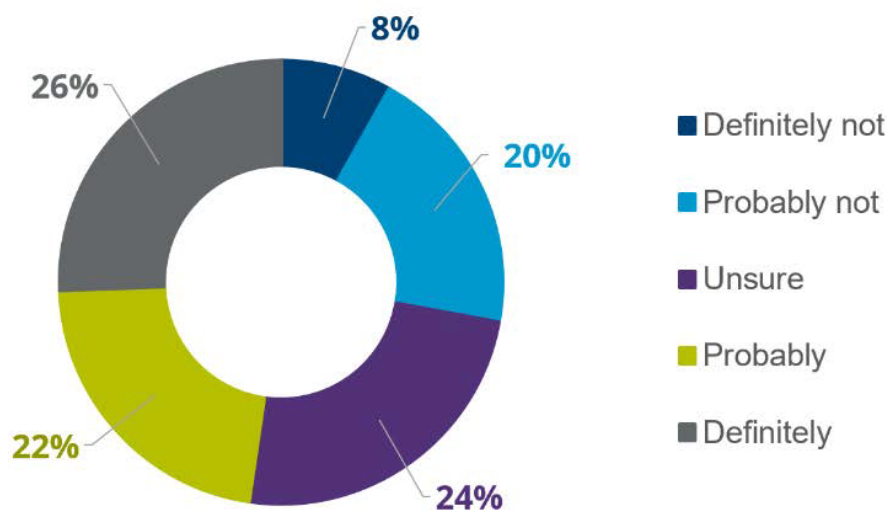
While 34% of participants said that their organization is not currently using blockchain, **37% are at least in development, piloting, or have a live blockchain solution implemented.**



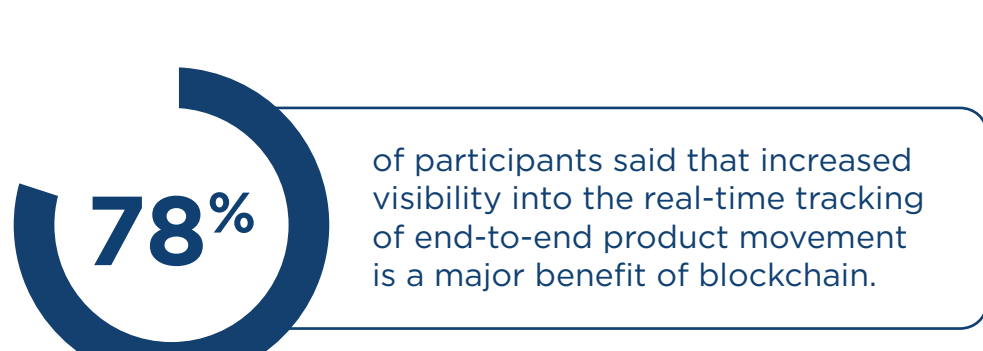
**Blockchain is currently being used most in** logistics (58%), procurement (31%), and supply chain planning (29%).

## FUTURE USE OF BLOCKCHAIN

Although the current adoption rate of blockchain is low, it's exciting to see that **about half (48%) report their organization is likely to invest in blockchain in the next 2 years.**

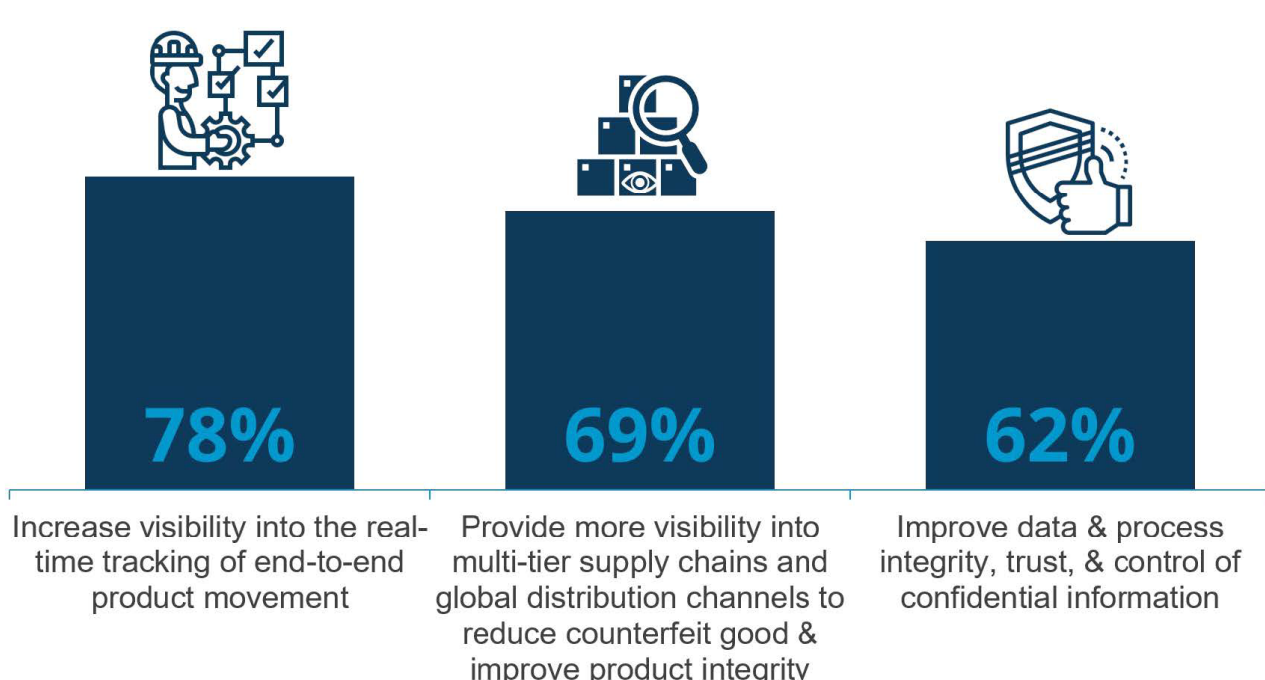


## BENEFITS OF ADOPTING BLOCKCHAIN



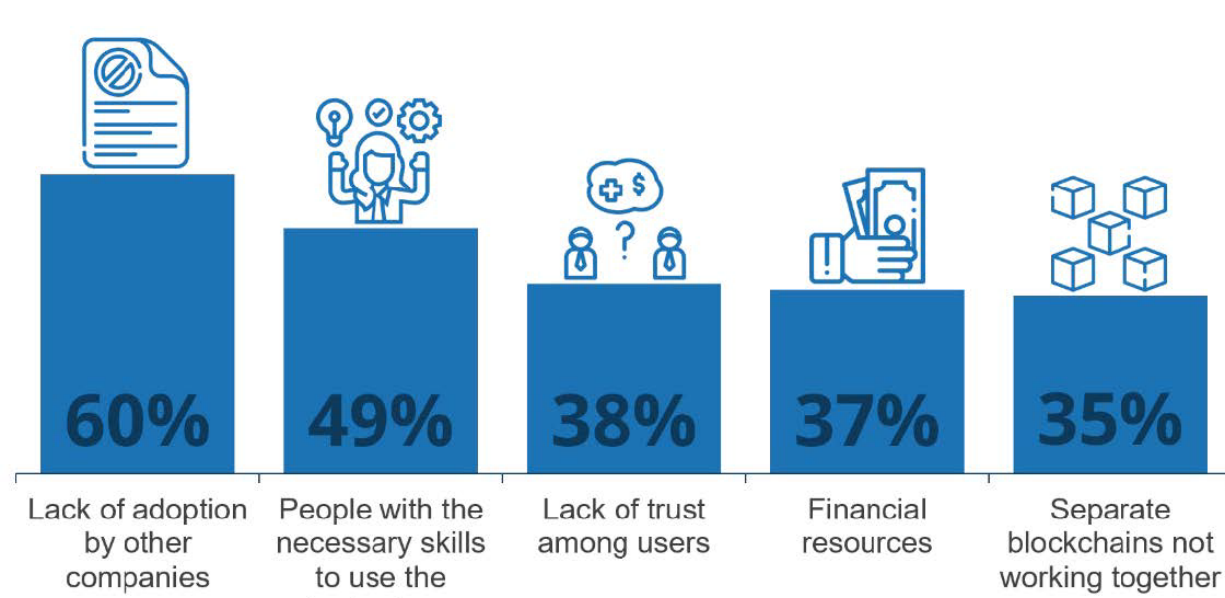
of participants said that increased visibility into the real-time tracking of end-to-end product movement is a major benefit of blockchain.

With blockchain, organizations can track the chain of ownership, making it significantly harder for counterfeit goods to enter the supply chain.



## HURDLES TO ADOPTING BLOCKCHAIN

Among the hurdles on the road to using blockchain, **60%** of participants struggle with **lack of adoption from other companies**, followed by **49%** who grapple with not having **people with the right skills** to use blockchain technology.



## BIGGEST OPPORTUNITIES TO ADOPTING BLOCKCHAIN

