



**101 Blockchains**

# **TOP 20 PROMISING BLOCKCHAIN PROJECTS IN 2021**

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**101 Blockchains**

# TOP **BLOCKCHAIN** PROJECTS

# AP Moller Maersk – TradeLens

- ➔ TradeLens is a consortium blockchain-based supply chain platform. It's the enterprise blockchain project of AP Moller-Maersk.
- ➔ GTD Solutions Inc. and IBM jointly developed this project.
- ➔ TradeLens ecosystem contains – shippers and cargo owners, Intermodal operators, government authorities and customs, ocean carriers, terminals and ports, financial services providers, freight forwarders, and 3PLs.



# Baidu – Libra Chain

- ➔ Libra chain is a blockchain infrastructure for three internet courts in China.
- ➔ Baidu (Chinese search engine) and Du Xiaoman Financial developed this project together.
- ➔ Libra deals with e-commerce and copyright disputes using virtual litigation and filled over 35 million electronic pieces of evidence.



# Boeing – SkyGrid

- ➔ SkyGrid is a blockchain platform designed to act as an air traffic control system. It helps to communicate with and track drones.
- ➔ Boeing's HorizonX venture developed this platform using Go Direct and Hyperledger Fabric.
- ➔ FAA or Federal Aviation Administration have already approved the application. Now it can provide drone pilots with low-altitude authorization.



# Credit Suisse – Paxos Settlement Service

- ➔ Paxos Settlement Service is a platform for post-trade settlement specifically for U.S. securities, which helps participants to settle trades.
- ➔ Credit Suisse uses this project to settle stock trades with Nomura. Paxos developed this project.
- ➔ Using this, the participants can directly settle trades, reducing the need for intermediaries and making the process faster.





# Honeywell – GoDirect Trade

- ➔ GoDirect™ Trade is a marketplace for aerospace industries where buyers and sellers can sell aviation equipment and parts.
- ➔ Only premium sellers can list their parts only if they have the proper documents, images, and pricing.
- ➔ Honeywell developed this project, and it already has 10,000 users and features \$4 billion worth of aviation components.





# IBM Corporation – Digital Health Pass

- ➔ Digital Health Pass helps any organization to verify an individual's COVID-19 test and their temperature results.
- ➔ It utilizes the Hyperledger Fabric platform, and IBM developed this project.
- ➔ Using this application, users can manage their healthcare data in a secured and private setting.



# ING Group – Bulletproof

- ➔ Bulletproof offers a better iteration of ZKP or Zero-knowledge proofs. This project is an extension of the ZKP protocol for better privacy and data security.
- ➔ ING, along with UCL, Blockstream, and Bünz et al at Stanford, developed this project for a better ZKP implementation.
- ➔ It enables users to share information about something without revealing any contextual details. It also doesn't need a trusted setup.



# Microsoft

- ➔ Microsoft's blockchain application focuses on managing royalties and content rights.
- ➔ Together with EY, Microsoft developed this platform by using Quorum and Ethereum blockchain.
- ➔ Xbox and Ubisoft use this technology to automatic royalty payments.



# Novartis – PharmaLedger

- ➔ PharmaLedger helps to scan drug packaging to provide real-time information to the manufacturers. Patients can also view the information by scanning the Q.R. codes.
- ➔ Along with Polytechnic University of Madrid and Merck, Novartis developed this blockchain project.
- ➔ Novartis wants to use PharmaLedger to eliminate the black market and counterfeit medications.



# Samsung – Nexledger

- ➔ Nexledger is a blockchain platform that enables blockchain infrastructure development for local governments, airports, and hospitals.
- ➔ It offers a standardized service API, which integrates an array of blockchain consensus protocols.
- ➔ Other than the proprietary blockchain, it also offers Ethereum and Hyperledger Fabric cores. Users can select the blockchain core and deploy their solutions at ease.





# Swisscom – Swisscom Blockchain

- ➔ Swisscom Blockchain provides different products like node as a service, electronic seal, and Swiss Trust Chain.
- ➔ Swisscom, the Switzerland-based telecom company, developed this project for offering Swiss-based companies blockchain solutions.
- ➔ Using this project, other Swiss companies and public sectors can develop blockchain infrastructures and applications.



# Tencent – FISCO BCOS

- ➔ FISCO BCOS or Be Credible, Open & Secure is a blockchain platform that offers reliable, secure, high-performing, and easy-to-use financial solutions.
- ➔ The platform provides access control, key management, comprehensive security features, penetrating auditing, and an OSCCA-approved cryptography suite.
- ➔ With the help of the Financial Blockchain Shenzhen Consortium, Tencent already secured 100 Chinese companies for this project.





# Visa – Visa B2B Connect

- ➔ Visa B2B Connect offers a better financial solution for cross-border or international payments.
- ➔ Visa and Chain developed this project together where it uses Chain's proprietary blockchain technology.
- ➔ Visa B2B Connect is perfectly capable of providing a secure, cost-effective, faster, and transparent way to process cross-border payments.



# MetLife – Vitana

- ➔ Vitana is a blockchain project that offers parametric insurance. It focuses on offering healthcare insurance facilities to those in need.
- ➔ LumenLab, one of MetLife's research facility developed this platform.
- ➔ The platform offers insurance support to pregnant women who suffer from gestational diabetes mellitus.



# Walmart – Food Traceability Initiative

- ➔ Food Traceability Initiative is a blockchain project that focuses on the detection and elimination of food contamination.
- ➔ The project can track 500 items such as fresh leafy greens, meat, poultry, seafood, coffee, etc.
- ➔ Walmart plans to execute a pilot testing with U.S. Customs and Border Protection on imported goods to offer food safety.



# BHP – MineHub

- ➔ MineHub is an enterprise blockchain platform for digital trade. It focuses on the metal supply chain and global mining processes.
- ➔ The project offers real-time tracking and visibility for upstream and downstream processes of the supply chain. It also includes container and bulk shipments.
- ➔ It also offers high security and privacy protocols, tools for ESG compliance, superior customer experience, and increased efficiency.



# Shell

- ➔ Shell's blockchain project offers a digital and decentralized passport system for their equipment.
- ➔ The project will help to authenticate all equipment, parts, and products where every single data stream will get preserved and safely stored on the system.
- ➔ Shell developed this project to help track all of their equipment properly and ensure high-quality products from suppliers.



# Daimler

- ➔ Daimler's blockchain project is designed to track their Cobalt supply chain process for CO2 emissions. The project increases transparency and offers possible solutions to limit CO2 emissions.
- ➔ The project can also track the number of secondary materials that can come from their Cobalt mining. It's an environment-friendly approach to reduce the greenhouse effect.
- ➔ Daimler, the manufacturer of Mercedes-Benz, developed the project along with Circulor.





# HSBC – Digital Vault

- ➔ Digital Vault is a blockchain project that digitizes all transactional records relating to private placements. All information is fully in digital form and highly secured.
- ➔ HSS or HSBC's Securities Services unit developed this project. The company to utilize this project to offer their investors access to specific data when the market is growing.
- ➔ This platform allows clients to access their private data and asset such as equity, real estate, debt, etc.





# LVMH – AURA

- ➔ AURA is a blockchain platform for combating luxury goods (Louis Vuitton and Bulgari) counterfeiting.
- ➔ AURA blockchain platform has registered over 10 million luxury goods already.
- ➔ LVMH developed this project with Microsoft and ConsenSys to safeguard brand integrity and offering authentic products to their customers.



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