



**Darwin**  
DARWIN PLATFORM  
GROUP OF COMPANIES  
THE VISIONARIES

# METAVVERSE

IT'S THE NEXT GENERATION OF REALITY

# രൂപതലോകം



# EVENTS AND ACHIEVEMENTS



# WHAT IS THE METAVERSE?

THE IDEA OF A PERSISTENT NETWORKED 3D COSMOS THAT COMBINES MANY VIRTUAL SPACES IS KNOWN AS THE METAVERSE. IT CAN BE COMPARED TO THE INTERNET IN THE FAR FUTURE. USERS WILL BE ABLE TO COLLABORATE, INTERACT, MINGLE, AND PLAY TOGETHER IN THESE 3D PLACES THANKS TO THE METAVERSE.

ALTHOUGH THE METAVERSE ISN'T ENTIRELY REALISED, CERTAIN SYSTEMS INCLUDE COMPONENTS THAT ARE SIMILAR TO IT. AT THE MOMENT, PLAYING VIDEO GAMES OFFERS THE CLOSEST METAVERSE EXPERIENCE AVAILABLE. THROUGH THE HOLDING OF IN-GAME OCCASIONS AND THE DEVELOPMENT OF VIRTUAL ECONOMIES, DEVELOPERS HAVE EXPANDED THE DEFINITION OF WHAT A GAME IS.

CRYPTOCURRENCIES CAN BE A PERFECT FIT FOR A METAVERSE. HOWEVER, THEY ARE NOT NECESSARY. THEY ENABLE THE DEVELOPMENT OF A DIGITAL ECONOMY WITH VARIOUS UTILITY, TOKEN KINDS, AND DIGITAL VALUABLES. NFTS, CRYPTOGRAPHIC WALLETS LIKE TRUST WALLET AND METAMASK WOULD BE USEFUL FOR THE METAVERSE. ADDITIONALLY, BLOCKCHAIN TECHNOLOGY CAN OFFER DEPENDABLE AND TRANSPARENT GOVERNANCE STRUCTURES.

APPLICATIONS THAT RESEMBLE BLOCKCHAIN AND THE METAVERSE ALREADY EXIST AND GIVE INDIVIDUALS A LIVING WAGE. MANY PEOPLE PLAY TO EARN GAME AXIOMITY TO SUPPLEMENT THEIR INCOME. OTHER SUCCESSFUL INSTANCES OF FUSING THE BLOCKCHAIN AND VIRTUAL REALITY APPS ARE SECOND LIVE.

WHEN WE LOOK TO THE FUTURE, BIG TECH GIANTS ARE TRYING TO LEAD THE WAY. HOWEVER, THE DECENTRALIZED ASPECTS OF THE BLOCKCHAIN INDUSTRY IS LETTING SMALLER PLAYERS PARTICIPATE IN THE METAVERSE'S DEVELOPMENT AS WELL.

THE IDEA OF A 3D ONLINE VIRTUAL REALM CALLED THE METAVERSE CONNECTS INDIVIDUALS FROM ALL FACETS OF THEIR EXISTENCE. IT WOULD LINK SEVERAL PLATFORMS, MUCH AS HOW THE INTERNET CONNECTS VARIOUS WEBSITES THAT MAY BE ACCESSED USING A SINGLE BROWSER.

THE IDEA WAS DEVELOPED IN NEAL STEPHENSON'S SCIENCE FICTION BOOK SNOW CRASH. ALTHOUGH THE CONCEPT OF A METAVERSE WAS LONG CONSIDERED TO BE A MYTH, IT NOW APPEARS THAT IT MIGHT BECOME A REALITY IN THE NEAR FUTURE.

# HOW DOES CRYPTO FIT INTO THE METVERSE?

GAMING OFFERS THE 3D ASPECT OF THE METVERSE BUT FALLS SHORT OF PROVIDING ALL THE ELEMENTS NECESSARY FOR A COMPLETE VIRTUAL REALITY. THE OTHER ESSENTIAL COMPONENTS THAT ARE NEEDED, SUCH AS DIGITAL OWNERSHIP, EVIDENCE, VALUE TRANSFER, GOVERNANCE, AND ACCESSIBILITY, CAN BE PROVIDED BY CRYPTO CURRENCIES. BUT WHAT DO THESE ACTUALLY MEAN?

WE'LL NEED A SAFE MEANS TO PROVE OWNERSHIP IF WE EVER WORK, INTERACT, OR EVEN BUY VIRTUAL GOODS IN THE METVERSE. TRANSFERRING THESE THINGS AND OUR MONEY AROUND THE METVERSE MUST ALSO FEEL SECURE. FINALLY, IF THE METVERSE WILL PLAY SUCH A SIGNIFICANT ROLE IN OUR LIVES, WE WILL ALSO WANT TO PARTICIPATE IN THE DECISION MAKING THAT OCCURS THERE.

WHILE SOME RUDIMENTARY SOLUTIONS ARE ALREADY PRESENT IN SEVERAL VIDEO GAMES, MANY DEVELOPERS PREFER TO EMPLOY BLOCKCHAIN AND CRYPTO CURRENCY AS A SUPERIOR ALTERNATIVE. IN CONTRAST TO THE MORE CENTRALISED NATURE OF VIDEO GAME CREATION, BLOCKCHAIN OFFERS A DECENTRALISED AND TRANSPARENT METHOD OF HANDLING THE TOPICS.



THE VIDEO GAME INDUSTRY HAS AN INFLUENCE ON BLOCKCHAIN ENGINEERS AS WELL. GAMEFI AND DECENTRALIZED FINANCE (DEFI) BOTH FREQUENTLY USE GAMIFICATION. FUTURE PREDICTIONS INDICATE THAT THERE WILL BE ENOUGH OVERLAP BETWEEN THE TWO REALMS FOR FURTHER INTEGRATION. THE MAIN BLOCKCHAIN FEATURES THAT MAKE SENSE FOR THE METAVERSE ARE

#### DIGITAL PROOF OF OWNERSHIP

YOU CAN IMMEDIATELY DEMONSTRATE OWNERSHIP OF A TRANSACTION OR AN ASSET ON THE BLOCKCHAIN IF YOU HAVE A WALLET WITH ACCESS TO YOUR PRIVATE KEYS. TO DEMONSTRATE ACCOUNTABILITY, YOU COULD FOR INSTANCE, PROVIDE A PRECISE TRANSCRIPT OF YOUR BLOCKCHAIN TRANSACTIONS WHILE AT WORK. ONE OF THE SAFEST AND MOST RELIABLE WAYS TO ESTABLISH A DIGITAL IDENTITY AND PROOF OF OWNERSHIP IS THROUGH A WALLET.

#### DIGITAL COLLECTIBILITY

WE CAN PROVE THAT AN OBJECT IS ORIGINAL AND UNIQUE IN THE SAME WAY THAT WE CAN DETERMINE WHO THE OWNER OF ANYTHING IS. THIS IS CRUCIAL IF THE METAVERSE IS TO INCLUDE ADDITIONAL ACTIVITIES FROM THE ACTUAL WORLD. WE CAN DESIGN PRODUCTS USING NFTS THAT ARE 100% ORIGINAL AND CAN NEVER BE DUPLICATED OR FALSIFIED. THE OWNERSHIP OF TANGIBLE OBJECTS CAN ALSO BE REPRESENTED ON A BLOCKCHAIN.

#### TRANSFER OF VALUE

A TRUSTED METHOD OF VALUE TRANSFER WILL BE NECESSARY IN THE METAVERSE. MULTIPLAYER GAME IN GAME CURRENCY IS LESS SAFE THAN CRYPTOCURRENCY ON A BLOCKCHAIN. USERS WILL NEED A TRUST WORTHY CURRENCY IF THEY SPEND A LOT OF TIME IN THE METAVERSE AND EVEN MAKE MONEY THERE.

#### GOVERNANCE

USERS SHOULD PLACE A HIGH VALUE ON HAVING CONTROL OVER THE GUIDELINES THAT GOVERN THEIR INTERACTIONS WITH THE METAVERSE. REAL WORLD VOTING RIGHTS ALLOW US TO CHOOSE OUR LEADERS AND GOVERNMENTS. BLOCKCHAIN HAS ALREADY SHOWN THAT IT CAN BE USED TO ACHIEVE FAIR GOVERNANCE IN THE METAVERSE.

#### ACCESSIBILITY

ON PUBLIC BLOCKCHAINS, ANYONE IN THE WORLD CAN CREATE A WALLET. YOU DON'T NEED TO PAY ANY MONEY OR SUPPLY ANY INFORMATION. IN CONTRAST TO A BANK ACCOUNT, THIS MAKES IT ONE OF THE EASIEST METHODS TO MANAGE MONEY AND A DIGITAL IDENTITY ONLINE.

#### INTEROPERABILITY

PLATFORM COMPATIBILITY IS ALWAYS BEING IMPROVED BY BLOCKCHAIN TECHNOLOGY. AVALANCHE (AVAX) AND POLKADOT (DOT) ARE TWO PROJECTS THAT MAKE IT POSSIBLE TO BUILD UNIQUE BLOCKCHAINS THAT CAN COMMUNICATE WITH ONE ANOTHER. MULTIPLE PROJECTS WILL NEED TO BE CONNECTED BY A SINGLE METAVERSE, AND BLOCKCHAIN TECHNOLOGY HAS ALREADY DEVELOPED SOLUTIONS FOR THIS.

+91-022-66451000

info@darwinpgc.com

www.darwinpgc.com

H-127, ANSA INDUSTRIAL ESTATE, SAKI NAKA ANDHERI EAST,  
MUMBAI-400072.