







Introduction



The metaverse, while still in a nascent stage, is likely to lead the next wave of digital disruption with applications in both the public and private sectors. The metaverse envisions a virtual realm where individuals can connect. interact, and explore in a digital universe. From a public sector standpoint, the metaverse shows tremendous potential to reimagine tourism and government services. Metaverse applications have increased with growing innovations in the sectors of education, healthcare, virtual commerce, real estate, gaming and entertainment, social media as well as virtual worlds for virtual offices. Some examples of use cases include virtual car dealerships and immersive online shopping, training and onboarding, sales and marketing, virtual meetings, virtual sporting events and theatre screenings as well as virtual banks where clients can also learn about products.

In 2022, the highest spends were by China and the US with China's metaverse spend at about USD 76 billion while the US's estimated spend was about USD 35 billion. The two countries are expected to lead the global spend on the metaverse with an expected spend of USD 457 billion by China and USD 375 billion by the US by 2030. In the GCC, Saudi Arabia and UAE lead the region's metaverse spends in 2022 estimated at USD 1.1 billion and USD 2.8 billion respectively. 1 By the end of 2030, metaverse is expected to contribute around USD 15 billion to the GCC economies.²

Abundant business opportunities exist in the metaverse landscape with companies being able to host virtual events. create virtual stores and tours of products and services as well as enhance customer experience through various virtual touchpoints. The novelty of the technology is expected to further drive traffic and therefore increase sales to business that utilise the metaverse to create engaging and interactive marketing campaigns such as virtual concerts and virtual product experiences.3 Corporations, Venture Capital (VC), and Private Equity (PE) firms had already invested, globally, about USD 120 billion from January to May of 2022, more than double the USD 57 billion invested in 2021.4

Government initiatives are also driving public interest in the metaverse. One example of a major initiative is Saudi Arabia's USD 500 billion city of NEOM. The goal is to allow people to experience the city of NEOM before it is built through a virtual twin built in the metaverse. The metaverse platform is to be implemented incorporating mixedreality twins, simultaneous physical-digital presence with immersive reality and creating a market for integrated cryptocurrency and NFTs transaction platforms. Another example that highlights the value added by the metaverse in the GCC, is the UAE launched Sharjaverse. This is a government-backed metaverse city featuring a "Virtual Transaction Center" for official document processing and aims to boost the country's digital economy and local tourism.

- 1 Strategic Gears
- ² Strategy&
- 3 FortySeven
- 4 McKinsey



The word metaverse comes from the prefix "meta", meaning beyond, and the stem "verse", a derivative of "universe". It is an evolving concept that envisions a virtual realm where individuals can connect, interact, and explore in a digital universe. Metaverse essentially sees a convergence of digital technologies to combine and extend the reach and use of cryptocurrency, artificial intelligence (AI), augmented reality (AR), virtual reality (VR), spatial computing, and more. Accessible through browsers, mobile apps, and headsets, it facilitates real-time interactions and experiences across vast distances.

The word metaverse was coined by author Neal Stephenson in his sciencefiction novel Snow Crash in 1992, and Decentraland's first iteration of its virtual world was created in 2015.

Tim Berners-Lee invents World Wide Web (WWW) 1992

2003

Philip Rosedale and his team at Liden Lab unveil Second Life, an online virtual world

2009

Bitcoin, the world's cryptocurrency, is introduced and the blockchain platform is created

2014

Facebook acquires Oculus virtual reality hardware and platform

Pokemon Co, a game using augmented reality technology, takes the world by storm

2018

2016

Axie Infinity, a popular virtual reality game based on training and trading virtual creatures, is launched. It runs on Ethereum

2022

Siemens and Nvidia partner on the industrial metaverse

2024

Qualcomm launches Snapdragon XR2 Plus Gen 2, a secondgen extended reality platform designed to lower the cost of high-quality metaverse headsets

Vision Pro. a head-mounted display for AR & VR experiences is launched by Apple. It is described as spatial computing & developers are asked not to use the terms metaverse or VR

History of Metaverse

Neal Stephenson uses the term "metaverse" to describe a virtual 3D

Roblox, an online platform that allows users to create and share games with others, is launched

Science fiction writer Ernest Cline's novel Ready Player One introduces people to virtual reality

Decentraland's first iteration of an online virtual world is created

The multiplayer game and social hub Fortnite is released, introducing the concepts of virtual concerts and tours

Microsoft unveils Mesh, a platform for virtual collaboration across multiple devices

Facebook's parent company adopted the name Meta & announces plans for their metaverse

SYNTH3D launched by Maxar, is a realistic 3D replica of the Earth's surface for use in metaverse, simulation, digital twin & gaming imagery.

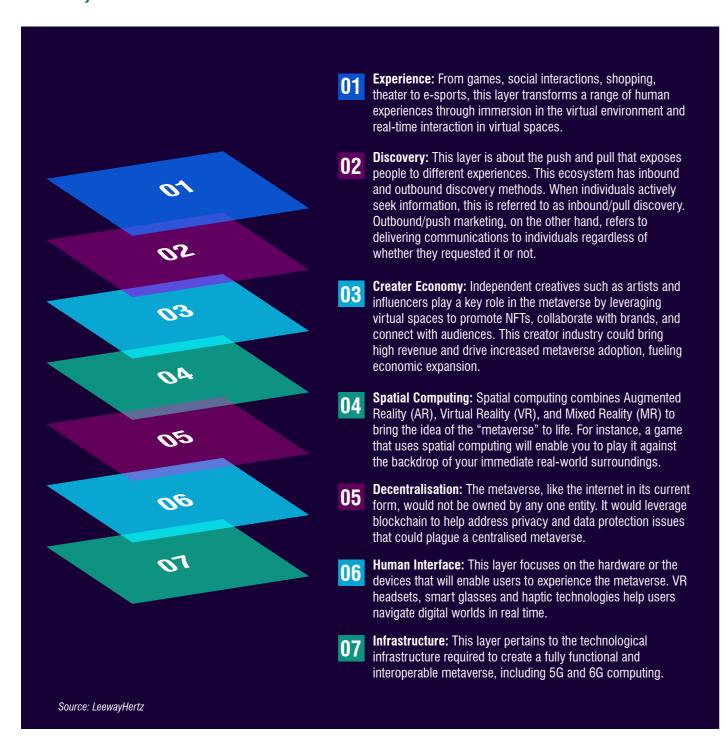
Neural Radience Fields (NeRF) & Gaussian Splatting emerge as a more efficient way to capture and render 3D content for the metaverse

Source: CNBC and George Lawton

Metaverse – Changing Business Dynamics — 3

Jon Radoff, a popular Web3 author and entrepreneur envisions the metaverse as seven core layers. These seven layers represent different phases of the value chain of the metaverse market.

Seven Layers of Metaverse



Technology serves as the bridge between the conceptualisation of these elements and their implementation. Technology also provides the necessary infrastructure to bring these elements to life. Today, Metaverse has become a reality due to 7 key technologies that are powering it.

Technologies powering the Metaverse

Blockchain

Blockchain technology forms the bedrock of the metaverse. It provides decentralization and essential for various functions within the metaverse such as digital ownership verification, value transfer, governance, digital collectability, accessibility and interoperability.



Cryptocurrency

Cryptocurrency enables transactions within the metaverse, facilitating purchases and in-game transactions. Users have to exchange their real-world currencies to crypto before they can use it to carry out any transaction.



AR & VR

Augmented Reality and Virtual Reality engines play an important role in enabling metaverse. While VR enables users to see 3D simulations, AR helps users to actually feel things by creating physical simulations. As a result, users can hear, feel and interact with the virtual metaverse as if they are physically present in it.



Artificial Intelligence

All plays a major role in making every process that happens in the metaverse an immersive one. It can help process data at lightning speed with the aid of machine learning techniques.



3D Reconstruction

Using special 3D cameras and other reconstruction technologies to render realistic 3D images and models of buildings, objects and characteristics, 3D reconstruction helps create realistic and life-like models for the users. The data collected using 3D cameras and 4K photography are then passed through computers which create life-like stimulations that are to be used in the metaverse.



Internet of Things (IoT)

Internet of Things (IoT) basically refers to a system that takes every element of the physical world and connects them to the internet through sensors and devices. In the case of metaverse, IoT and its applications will be able to collect data and feed it to the metaverse to adjust more precisely to the real-world conditions.



Edge Computing & 5G

Edge computing facilitates faster data transfer with fewer delays and helps enable smoother experiences. Another important feature that is often combined with edge computing is the availability of 5G networks. With the advent of 5G being rolled out and made available at affordable rates, more users can experience the metaverse from their desktops and other devices without facing any issues as regards to lag in network speed.

Source: Blockchain Council

Metaverse – Changing Business Dynamics

While the ideal Metaverse is still a work in progress, we are currently witnessing the early stages of its applications being implemented across various fields. Metaverse applications are emerging in key areas such as education, gaming, and healthcare.

Real-world use cases of Metaverse



Gaming

Fortnite is a video game that offers a vitual world with live events and collaborations. It allows for players to interact. compete and explore through different platforms such as PC, consoles and mobile phones



Entertainment and Social Media

VRChat is an online virtual world platform where users can meet and communicate with people from around the world and attend virtual events



Engage is a virtual reality platform which offers a wide range of immersive learning experiences, including virtual classrooms and virtual field trips.



Virtual Office and **Employee Onboarding**

Virbela is a virtual world platform that provides a metaverse solution for remote work. It offers customizable virtual offices and interactive spaces where employees can meet and engage in virtual activities.



Real Estate

Somnium Space is a blockchain-based virtual reality platform that emphasizes virtual real estate. Users can buy, sell, and own virtual land



Virtual Commerce

Within Decentraland, users can create and monetize their virtual creations, such as art, virtual fashion, and digital goods using cryptocurrency



Healthcare & Therapy

The Apollo Hospital Group, a healthcare multinational headquartered in Chennai, India, has revealed a partnership with "8chili Inc.", a virtual platform where patients can engage in activities to learn how to manage emotions

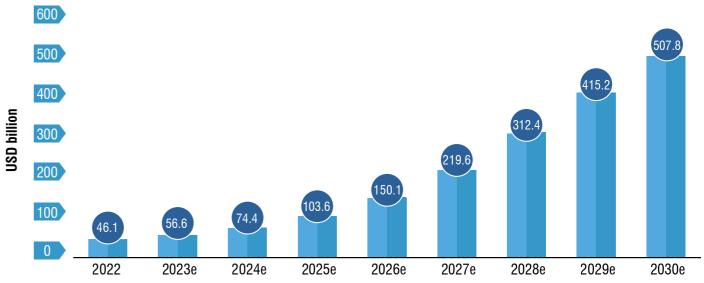
Source: Antier Solutions

Metaverse - Changing Business Dynamics

Global Metaverse industry

According to Statista Market Insights, the metaverse market size is projected to reach USD 507.8 billion USD by 2030, up from USD 46.1 billion USD in 2022, with an expected annual growth rate (CAGR 2022-2030) of 34.97%.

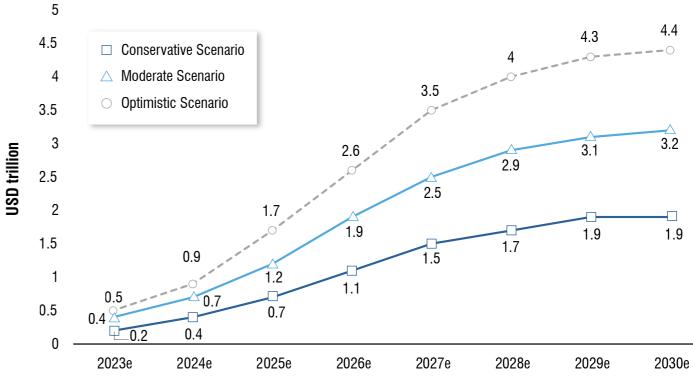
Global Metaverse Market (in USD billion)



Source: Statista

Additionally, the global total addressable market, representing the market size potential for metaverse products and services, is forecasted to reach at least USD 1.9 trillion by 2030, up from USD 0.2 trillion in 2023. This is under the conservative expectation where only 15% of the digital economy shifts to the metaverse.

Total Addressable Metaverse Market (in USD trillion)

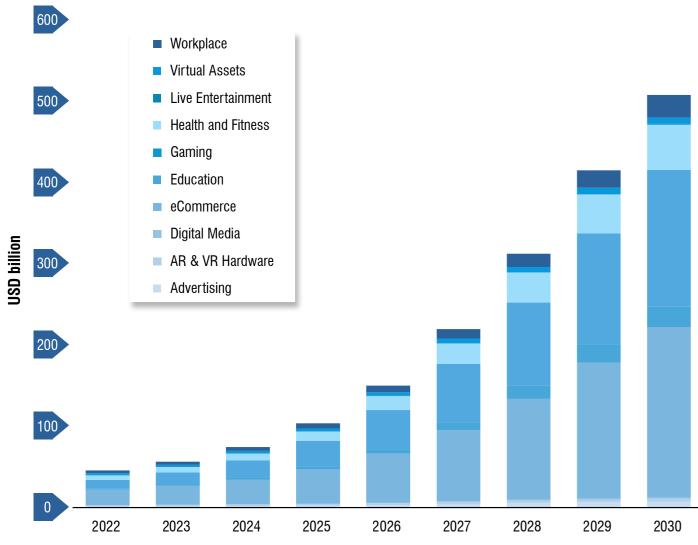


Source: Statista

Metaverse – Changing Business Dynamics — 7

Metaverse Gaming and Metaverse eCommerce are anticipated to lead in terms of market share within this ecosystem, with both industries projected to grow 16 times and 11 times respectively, from 2022-30.

Market Structure of the Metaverse Ecosystem (in USD billion)



Source: Statista

Gaming and e-commerce are poised to tap into a broader audience through the Metaverse. However, understanding the underlying factors fuelling this demand is crucial.

Demand Drivers of Metaverse

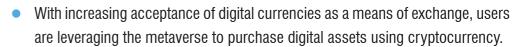


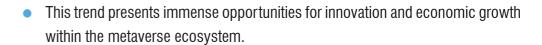
Covid-19 pandemic and work from home culture

- The Covid-19 pandemic accelerated the adoption of remote work and virtual collaboration tools, propelling the demand for metaverse solutions.
- As organizations worldwide adapted to remote work setups, the metaverse emerged as a vital platform for creating immersive digital environments conducive to remote collaboration and industrial processes.













- The metaverse offers opportunities for both Business-to-Consumer (B2C) and Business-to-Business (B2B) enterprises, revolutionizing the way businesses interact with consumers and clients.
- B2C companies can now access a global marketplace, reaching consumers from any corner of the world and facilitating seamless transactions through immersive virtual experiences.
- Meanwhile, for B2B enterprises, the metaverse presents customised trade exhibitions, product demonstrations, client meetings, and customer service.

Source: Business Wire and GrandView Research

While these demand drivers present exciting opportunities for innovation and economic growth, given that the metaverse is still in its early stages of development, there are several issues that still need to be tackled.

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Challenges faced by Metaverse



Privacy and Security

- Platforms will likely collect user data, including location, biometric data, and financial transactions.
 Companies will likely also be able to monitor physical reactions due to the link to wearable and haptic devices that measure emotions and physical reactions.
- Additionally, there exists the added risk for security breaches and cybersecurity concerns.
- To build customer trust in the platform, reliability and security for the customers must be prioritized.



Platform Interoperability

- One of the biggest challenges is the lack of interoperability between the various metaverse platforms as well
 as the absence of uniformity.
- If a platform does not leverage interoperability, it may become difficult for users to move seamlessly between other worlds and for businesses to build services ready for multiple Metaverse platforms.
- The difficulty in implementing interoperability is due to the need for standardisation and normalisation to be done across multiple companies.



Usefulness for consumers

- Consumers are likley to assess usefulness by determining if it is worth spending time and money in the metaverse in the form of interacting with content, playing, buying, and collaborating with others.
- The expensive requirements coupled with the difficulty in setting up of VR/AR tools will likely limit the metaverse to a smaller consumer segment.



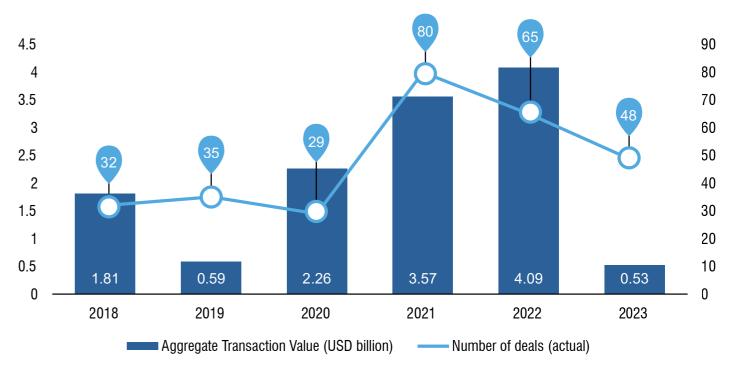
Cost and technical barriers

- Adopting the metaverse requires companies to build immersive virtual experiences which require specialised technical knowledge and high cost challenges to be overcome.
- The high costs are likley to include investments in hardware, software, as well as in the infrastructure needed to create virtual environments capable of supporting a large numbers of users and interactivity.
- The technical expertise required can be especially challenging for smaller organizations with limited resources.

Source: Forbes, Wired and Coforge

The metaverse continues to attract attention from global venture capitalists, despite a slowdown in 2023. The count of deals in global private equity and venture capital funding rounds, in metaverse companies, closed at 48 in 2023, dropping from 65 in 2022. This slowdown was attributable to technological bottlenecks, hardware limitations, concerns about privacy and security as well as macroeconomic conditions such as inflation, and high interest rates.

PE/VC backed funding rounds in metaverse companies, 2018-2023

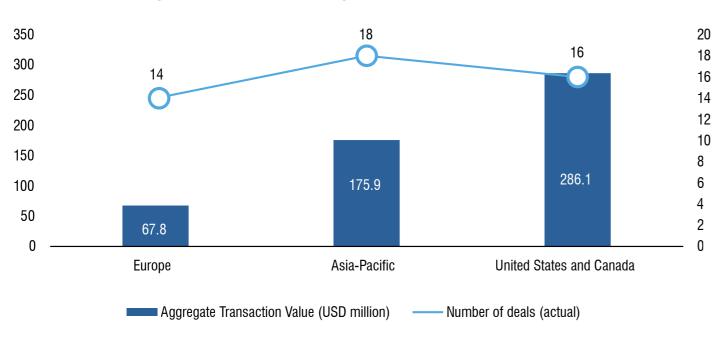


Source: S&P Global

The US and Canada accounted for about 54% of the aggregate transaction value PE/VC backed funding rounds and roughly 33% of the total deal volume in metaverse companies in 2023.







Source: S&P Global

Despite the drop in funding in 2023, the metaverse market is expected to bring in further funding as active daily users increase driven by more accessible and cheaper tech as the ecosystem matures. Apart from large companies like Meta and Apple, there are several startups which are making a huge impact in this space.

Startups in the metaverse industry

Startup	Country	Latest funding	Details
RLTY	France	June 2022 seed round of USD 4.24 million	RLTY provides a no-code startup platform to build 3D immersive experiences for the metaverse. It combines various technologies like virtual reality (VR), cloud computing, blockchain, and a game engine towards organizing concerts, festivals, art exhibitions, and more.
Bit.Country	C : Singapore	Secondary private transaction preceded by seed round in May 2021	Bit.Country provides metaverse as a service. Metaverse.Network is the startup's metaverse network and it allows non-technical users to launch their own metaverse projects. Bit.Country's application programming interface (API) enables game development as well as development of smart contract decentralized apps (dApps).

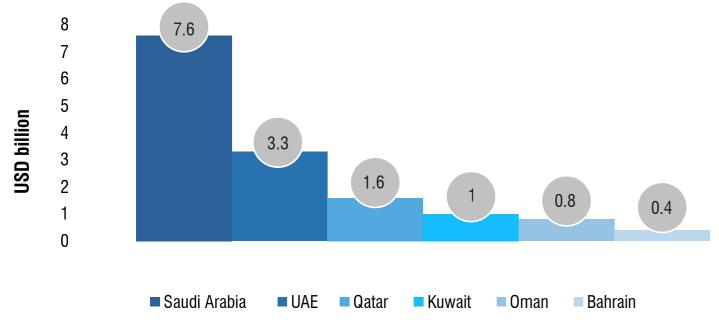
Edverse	India	May 2022 seed round of USD 700 thousand	Edverse utilizes Polygon and Elysium blockchains to create a public decentralized network and deliver education history as NFT records. It also offers a metaverse space to host virtual classrooms and alumni meetups as well as conduct joint classes.
Veyond Metaverse	USA	Early-stage VC round in January 2024 of USD 30 million preceded by seed round in February 2022	Veyond Metaverse maintains a healthcare metaverse ecosystem. The healthcare ecosystem enables the creation of, manipulation of and interaction with patient digital twins. This enables remote surgical training, remote supervision of surgeries, as well as real-time collaboration between surgeons. The startup also makes use of its proprietary cloud communication platform, to leverage extended reality (XR), AR, and VR, to improve collaboration and engagement.
Metaboutiq	Estonia	-	Metaboutiq creates wear-to-earn NFTs. The startup's marketplace provides limited collections of curated 3D outfits for use in virtual work and leisure spaces. Metaboutiq promotes NFTs through partnerships with social media influencers. The NFTs by the startup are interoperable across AR and VR ecosystems.
Next Earth	Hungary	-	Next Earth allows users to own locations on earth as NFT lands and connect them to their web2 business websites or platforms. The startup's landownership platform also allows developers to use smart contracts and mint dynamic NFTs to build map-based applications.
KEYS Metaverse	UAE	Early-Stage VC round in September 2022	KEYS Metaverse makes an open metaverse focusing on accessibility as well as immersive user experiences. The real estate-centric metaverse also engages global real estate buyers and sellers by offering a 3D marketplace.

Source: StartUs Insights

Metaverse in the GCC region

The metaverse has the potential to transform key sectors in the Middle East, particularly the GCC (Gulf Cooperation Council). According to a report by Strategy&, the metaverse is expected to contribute about USD 15 billion to GCC economies by 2030.

Projected Metaverse Contribution to the GCC countries, 2030



Source: Strategy&

There are several notable developments made by the governments, companies, and startups in the GCC region to boost the ecosystem.



UAE

Dubai's metaverse strategy, formally introduced in July 2022, aims to add USD 4 billion to the economy and create 40,000 new jobs over the next five years.

The UAE established the Middle East's first metaverse incubator to develop early-stage metaverse and Web3 applications.

The Ministry of Economy opened its third office in the metaverse to facilitate connection and collaboration among the public. It features a multi-story building where each floor serving a different purpose.

In collaboration with Multiverse Labs and the Sharjah Commerce & Tourism Development Authority, the UAE launched Sharjaverse in October 2022. This government-backed metaverse city features a "Virtual Transaction Center" for official document processing, and aims to boost the country's digital economy and local tourism.

Metaverse – Changing Business Dynamics



Saudi Arabia

Saudi Arabia's USD 500 billion city of NEOM includes a digital metaverse component, and is being used to customize aspects of the projects for real estate clients with inputs on construction while allowing collaboration between architects, engineers and designers. Metaverse gaming is also expected to be a major component of the NEOM megacity project.



Qatar Airways introduced the Qverse platform. The platform enhances the travel experience by allowing customers to virtually explore the airline's premium check-in area and even tour the interior of their aircraft cabins.

Qatar



Kuwait

Virgin Mobile Kuwait announced a Metaverse program to collaborate with Kuwaiti content creators on platforms including a blockchain based virtual game environment called The Sandbox, as part of its ambition to be GCC's telecommunication leader and disruptive innovator.



Bahrain

Bahrain Institute of Banking and Finance launched its metaverse campus, which is intended to provide students and professionals in business and finance with an immersive learning experience supported by the latest technology.

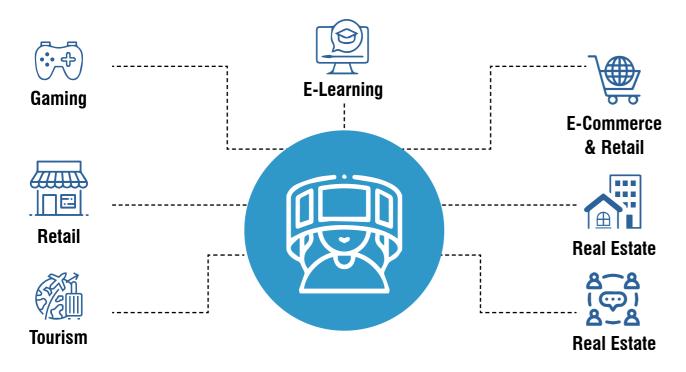


Oman's Military Technological College opened a Research Management System and Metaverse Learning Center to reduce risks students potentially face during direct practical training.

Source: Strategy&, Fair Observer, National News, Analytics Drift and Arabian Stories

In terms of industries, Tourism and Gaming industries are projected to reap maximum gains from the metaverse, as of 2030.

Sectors seizing Metaverse opportunity



Source: Purple Quarter





Spain

· Adoption in gaming, tourism, real estate and "CatVers" to promote the Catalan culture and language

Saudi Arabia

• Adoption in infrastructure projects, virtual tourism experiences, and virtual events

UAE

 Adoption in healthcare, Dubai Space Centre life on Mars simulation, UAE Ministry of Economy office in the metaverse, arts, real estate, and fashion retail



China

 Adoption in marketing, e-commerce, Metaverse cities, blockchain-based service platforms, public services, entertainment, and manufacturing



Japan

 Adoption in, Japan Metaverse Economic Zone, Education and training, retail, financial services and real estate



South Korea

• Adoption in virtual public services, tourism, and education

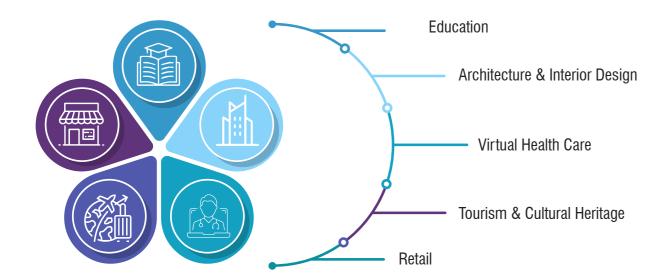
Source: Strategic Gears

Metaverse in Saudi Arabia

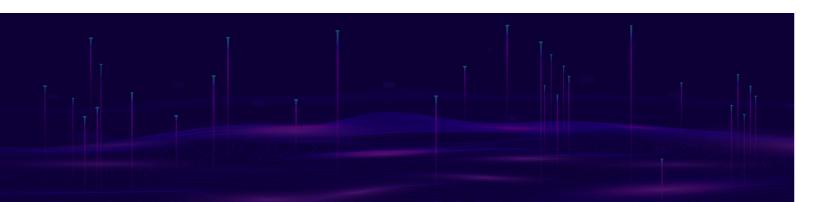
Saudi Arabia is expected to emerge as a key player in the global metaverse sector, due to innovative projects launched in the region and millions pledged towards the development of metaverse infrastructure. The metaverse is expected to increase civic engagement, global collaboration and quality of life and the underlying technology is expected to play a key role in advancing towards Saudi Arabia's Vision 2030 agenda.

As part of the diversification from oil in Vision 2030's targets, many non-oil sectors such as education, tourism, and real estate, are expected to be impacted by the developing metaverse industry. The developments are expected to attract further investments, both local and international, which in turn in expected to benefit the economy by capitalizing on emerging market opportunities.

Sectors expected to grow due to the Metaverse in Saudi Arabia



Source: Strategic Gears



Key Trends in Saudi Metaverse Industry



Giga Projects

- Creation of new ecosystems heavily supported by technology as part of Vision 2030's goal of changing how cities operate.
- Investments of over USD 1 billion, in creating a digital replica of NEOM incorporating mixed-reality twins, simultaneous physical-digital presence with immersive reality and creating a market for integrated cryptocurrency and NFTs transaction platforms.



Tourism

- An immersive 3D experience completed in November 2022, emphasizing the significance of a renowned AlUla monument by The Royal Commission for AlUla.
- The Mukaab, a massive cube filled with metaverse technology planned for 2030, to include a variety
 of retail, cultural, and tourist attractions.



Training

- The first metaverse academy in the Middle East was launched in Riyadh Meta Platforms in May 2023 in partnership with Tuwaiq Technologies Academy.
- The academy's programs include discovery, up-skilling and training with the aim of aiding the region's technological advancement.



Investments

 Significant investments in digital economy focusing on digital infrastructure and communication technology in the metaverse realm.



Events

- On March 7, 2023, an event was organised by the International Telecommunication Union (ITU) and the National Cybersecurity Authority (NCA) in Riyadh, Saudi Arabia, on embracing the metaverse.
- The 92nd Saudi National Day was hosted on the "Decentraland" metaverse platform.
- On June 8, 2023, Riyadh hosted its first Metaverse Discovery Day in the world.



Partnerships

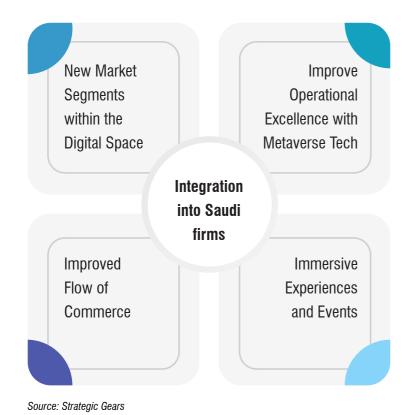
 In February 2023, Saudi Arabia's Digital Government Authority (DGA) signed an MoU with the Sandbox Company and reserved virtual space on its metaverse platform. The DGA aims to streamline governmental functions and create jobs in the metaverse.

Source: NEOM, Royal Commission for Al-Ula, International Telecommunication Union, Strategic Gears

The metaverse is a developing technology and therefore has many challenges and risks that need to be handled with effective solutions. This is amplified in the case of early adopters like Saudi Arabia because the metaverse is essentially a new digital world unbound by geography and is currently devoid of clear rules and regulations.

The metaverse and Web3 serves as a new channel for the delivery of services to customers and several Saudi government agencies and businesses have begun integrating the metaverse as part of their mode of operation.

Metaverse Integration into Saudi firms





Metaverse - Changing Business Dynamics -

| Spotlight – Palm Network

The Palm Network is one of Riyadh Valley Company's indirect investments from RRE Venture's investments. It is an Ethereum-compatible sidechain designed by and for Ethereum developers featuring low gas costs and fast transaction finality. As a sidechain, it runs independent of Ethereum but remains connected to the Ethereum Mainnet by a two-way bridge. The Palm network is built to serve as the foundation of a new scalable and sustainable ecosystem for NFTs and is powered by the PALM token. The Paim Network is one of Riyadh Valley Company's indirect investments from the RRE Venture.

Palm Network Ecosystem

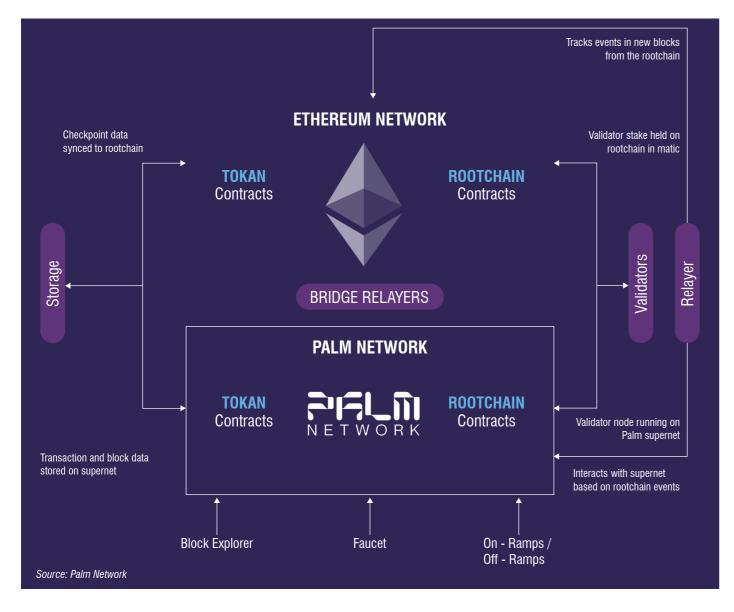
Dev Tooling	NFTs	Wallets
Biconomy	Artists Valley	AlphaWallet
Blast	Candy	MetaMask
Boosty Labs	 Culture Vault 	MoonPay
Circle	• DC	Rabby Wallet
Collab.Land	• HENI	WalletConnect
ConsenSys	Live Art	
Covalent	Moonwalk	RPC
Gateway	NFTrade	Blast
Gelato	Obilum	Gateway
Live Art	Pace Verso	Infura
ModTech Labs	Phosphor	
Moralis	• Web3Pro	Blockchain Data
Polygon		Chainlens
Phosphot	Community/	Covalent
Republic Crypto	Marketing	Dora
SimpleHash	Collab.Land	Moralis
Sourcify	Goldsky	SimpleHash
Spatial	JokeRace	Volitipici iasii
Thirdweb	Mesh	
Torch		
Worldline		

Source: Palm Network



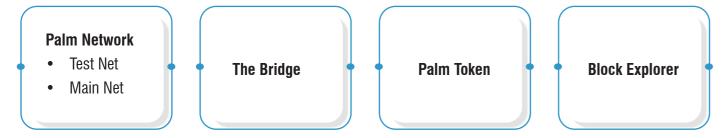
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Palm Network Architecture



The Palm network uses PolyBFT consensus (a variation of IBFT) and Poof-of-Stake, The network is over 99% more energy efficient than similar networks.

Palm Network Offerings



Source: Palm Network

Conclusion

Global adoption of the metaverse is on the rise with consumers, businesses, and governments looking for innovative solutions to deepen connectivity. The potential for the metaverse to generate large economic value by 2030 worldwide indicates its growing relevance. In addition, it is expected that by 2030 over half the live events could be held in the metaverse and about 80 percent of commerce could be impacted with opportunities to visit virtual stores and discover new brands. The conveniences offered by virtualisation would also change how education is disseminated with collaboration on a global scale.⁴

The underlying technologies of the metaverse are still early in development, complex, and intermingled with complicated interactions. This provides stakeholders, in both the public and private sector, with the opportunity to shape the metaverse, keeping in mind the technical challenges of data privacy, data storage and financial services as well as challenges regarding social cohesion and wider access. The metaverse is well-poised to complement the real world by allowing for a greater freedom in movement between physical and virtual worlds to broaden the range of experiences.⁴

Saudi Arabia's nascent metaverse industry has grown with increased interest, investment, and creative ideas by both the government and Saudi businesses, but currently remains a small share of the global metaverse market. GCC's growth in the number of metaverse applications demonstrates the value that the metaverse can already bring and the value created is likely to increase as theoretical and practical issues are resolved over time.⁵

⁴ McKinsey

⁵ Strategy&





Vision

To be the regional leader in knowledge-based investment and technology.



Mission

Riyadh Valley Company is a strategic investor, focused on leveraging the local capabilities, investing locally and globally in growth - stage businesses to create financial and strategic returns that will support the future of economic development in the Kingdom.

Investment Sectors:

Venture Capital Investments





Healthcare Investment



FinTech



Education



Information & Communication Technology



Logistics and Trasportation

Strategic Investments



Innovation and R&D Projects



Commercial Projects



Educational Projects



Residential Projects

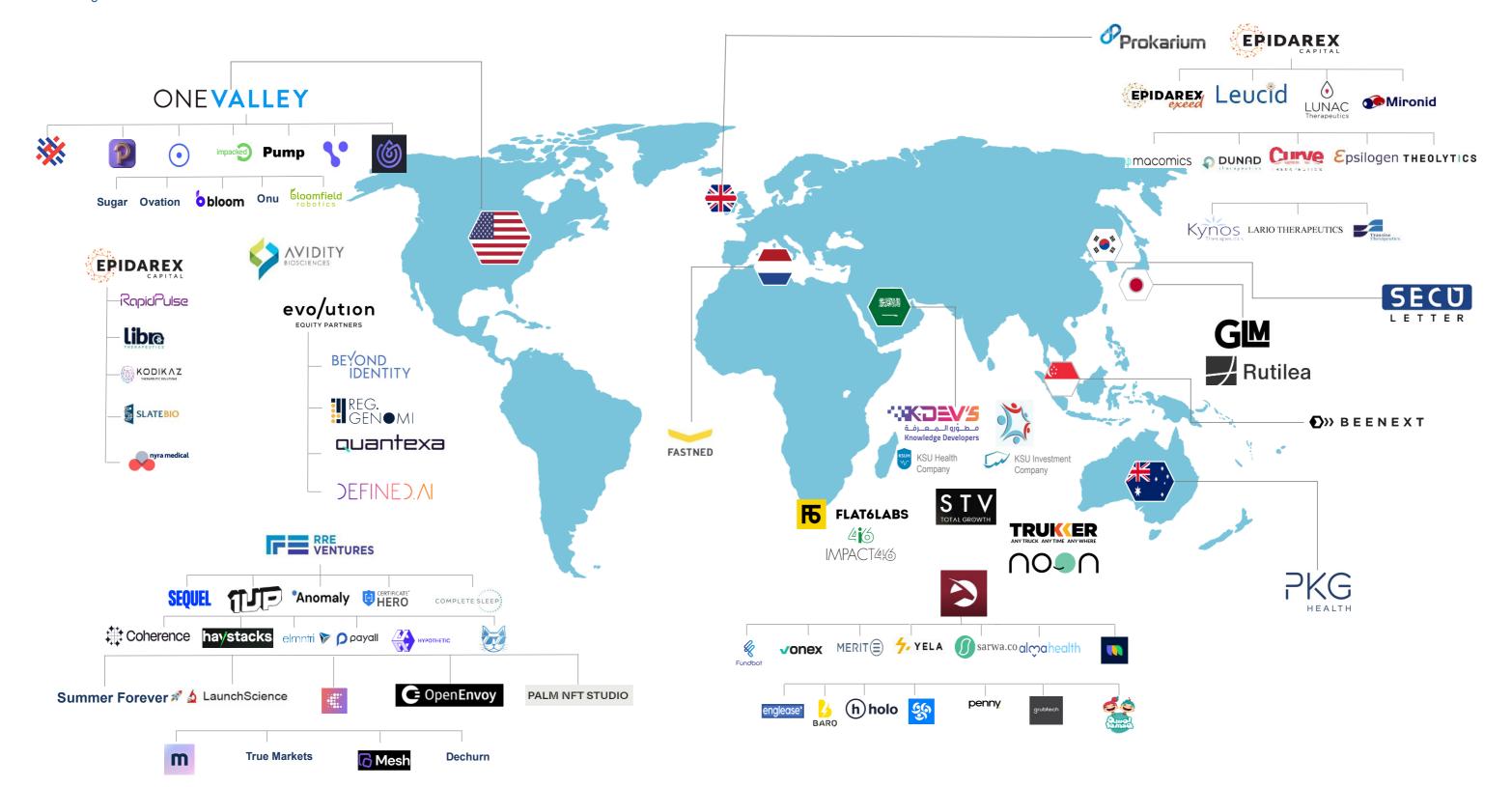


Healthcare Projects



Mixed-use Projects

Knowledge Investment Portfolio



Strategic Investment Portfolio



Sudair Pharma Company Project

Research center and offices





ELM Information Security Company Project

Research & Innovation center



(Significant Management Al-sorooh Al-



Mubarakah Company

Offices project





Obeikan Company Project

Commerial project



FOUR DIRECTIONS الاتجاهات الاربعة **Four Directions Company Project**

Office project



مجد العـقارية Majd Real Estate

Majd Real Estate Company Project

Offices project



DRM) عیادات دیرما Derma Clinic

Derma Clinic Company Project

Healthcare project



دور الكُتّـاب Dur Alkuttab

Dur Alkuttab Company Project

Educational project



DRMعیادات دیرما **Derma Clinic Company Project**

Residential project



CITY LIGHTS **City Lights Real Estate Company Project**

Mixed-use project



Four Directions Company Project Commercial project



سينومي

U WALK Project

Commercial project



Qasr Alaaredh Company Project Building



SAHAT

Sahat Al-Ardh **Company Project** Mixed-use project





The Esplanade Project Commercial project





Buliding project



SM/ **NMR Real Estate Company Project** Mixed-use project



N L Takween Altanmia **Company Project** Offices project





Educational project



