FlatPyramid

FLATPYRAMID

(FP3D)

NFT Marketplace

for 3D Models and 3D Assets

for the Metaverse and Gaming

White Paper

Version 1.0

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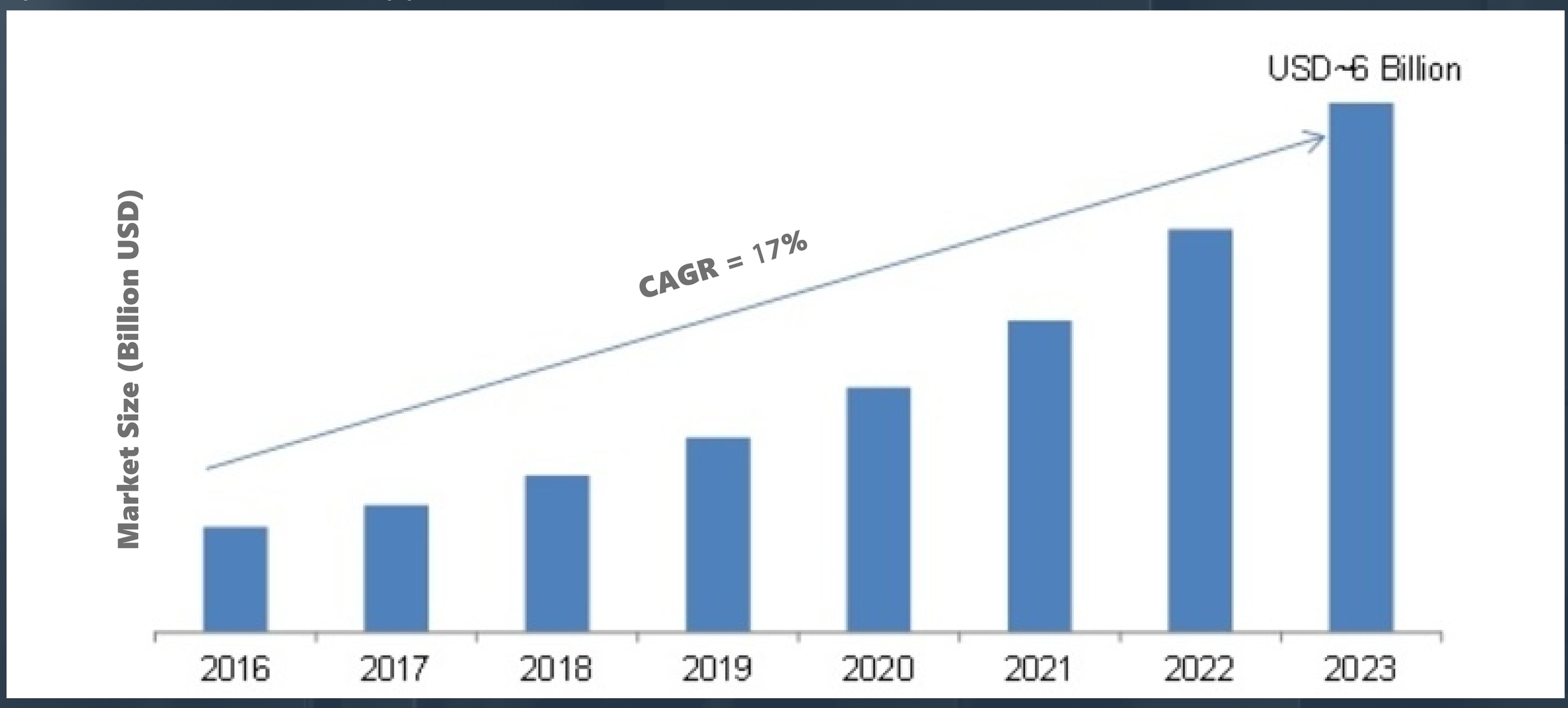
01. Abstract

The global Metaverse market size reached USD 47.69 Billion in 2020 and is expected to register a revenue CAGR of 43.3% during the forecast period from 2021 to 2028. On the basis of offerings, the global metaverse market is segmented into virtual platforms, **asset marketplaces**, avatars, and financial services. The asset segment for 3D Mapping and Modeling Market was valued at 3.64 billion USD in 2020. It is expected to reach 13.15 billion USD by 2028, growing at a CAGR of 17.4% from 2021 to 2028.

3D models are digital assets used as building blocks for NFTs, Games, the Metaverse and many other immersive experiences in many industries including: Gaming, Metaverse, NFTs, Augmented Reality (AR), and Virtual Reality (VR), Advertising and Marketing, Animation, Film Special Effects, TV and Media, Architecture and Design, Product Development, and 3D Printing. Over 100,000 professional 3d artists use our 3d model marketplace for their creative needs.

Currently, the 3d model creators or **3d artists** use specialized skills and software to create the 3d models. Then, they sell or license their 3d models via intermediaries and/or centralized marketplaces to other 3d artists or designers (buyers). The buyers use the 3d models for NFTs, Gaming, the Metaverse, AR and VR, Special Effects and other applications.



Currently, 3D artists need a better way to trade and license their 3d models in a decentralized manner while generating additional revenue streams from NFTs. The buyers of the 3d models need assurance that they have ownership and licensing of whatever 3d model they buy regardless of their geographical location. Also, 3D artists and assets marketplaces need a better way to handle the ongoing challenge of identifying and handling copyright violations and theft just like with any other digital asset (e.g. music, movies, games, etc).

FlatPyramid aims to solve these problems by integrating NFT (non-fungible token) technology and cryptocurrency payments into its existing 3d model marketplace for its 3d model artist community. Thus, 3d models will be available for purchase as NFTs and proof of ownership and transfer will be recorded and publicly available in the blockchain(s).

FlatPyramid is integrating NFT technology along with payments in cryptocurrencies to allow 3d models to be purchased and downloaded as NFTs, and transactions to be paid for in an additional way using cryptocurrencies.

NFTs derive their name from the concept of fungibility because, unlike cryptocurrencies, they are not fungible. NFTs are completely unique and cannot be changed, removed, or destroyed because the data of an NFT is stored on a blockchain, an immutable and decentralized digital ledger used to record transactions.

NFTs are currently taking the digital art and collectibles world by storm. Digital artists including 3D artists, are seeing their lives change thanks to huge sales to a new crypto-audience. NFTs are used to represent ownership of any unique asset, like for example a specific 3d model.

FlatPyramid already offers an extensive 3d model library which includes the 3d digital representation of thousands of everyday objects and structures (e.g. 3d models of characters, animals, buildings, cities, accessories, vehicles, furniture, electronics, etc) which will be offered as NFTs with the completion of the integration of blockchain technology including NFTs and cryptocurrency payments.

Blockchain technology ensures that once a transaction or record is recorded on the blockchain it cannot be altered or counterfeited. Thus ensuring proof of ownership, tracking of assets, and transparency of transactions. It allows the integration of a new and easier payment method and also brings a new era where every digital asset has a legitimate owner.

FlatPyramid's NFT 3d models will be available on several blockchains and purchased with the **FP3D** utility token. Users will be able to buy or sell 3d models assets using several other tokens but receive a significant discount when using the FP3D token.

02. Mission Statement

Our mission is to revolutionize the way 3D Models are traded and distributed. We promote, sell and license 3d models (digital 3d content) created by 3D artists in the gaming, metaverse, advertising and digital media industry worldwide. We strive to provide maximum returns to intellectual property owners like 3D artists and deliver quality products to our valued customers.

The saying "a picture is worth a thousand words" is truly multiplied when an image can be moved, rotated, manipulated, and colored in three dimensions with a 3D Model.

We provide customers with the assets (3D Models) so they can focus on other core areas of their production pipeline, thus cutting down their production time and costs.

FlatPyramid has another mission that is to enable creative artists around the world to continually develop our 3d model library. We help our community of 3D artists, who provide these models, pursue careers as professional 3D modelers or complement their existing careers with additional streams of revenue.

FlatPyramid is currently located in the South Bay area of Los Angeles, California in the United States.

03. What is FlatPyramid?

FlatPyramid specializes in the distribution of regular and NFT 3d models and interactive media. It is a crowd-sourced marketplace with stock assets for Gaming, Metaverse, NFTs, Augmented Reality (AR), and Virtual Reality (VR), Advertising and Marketing, Animation, Film Special Effects, TV and Media, Architecture and Design, Product Development, and 3D Printing.

FlatPyramid is an intermediary marketplace platform where 3D artists generate revenue from creating and selling their stock 3d models to other artists. FlatPyramid's growing library of assets has tens of thousands of 3d models for purchase or for free.

Stock 3d models save artists valuable production time and costs by leveraging the global network of 3D artist's varied skill sets, availability, and creativity. Creating 3d models is time-consuming and requires a great deal of expertise, talent, time and investment in 3d modeling software and techniques. The founders of FlatPyramid believe that leveraging blockchain technologies, NFTs, and decentralization of assets will further this goal while providing more revenue streams for 3D artists.

FlatPyramid helps 3d artists and creators save time and money by providing stock and custom 3d models in various inter operable 3d file formats for use in the production of assets for:

- Gaming
- Metaverse Applications
- NFTs
- Virtual Reality Applications & Augmented Reality Applications
- Immersive Experiences and Interactive Media

FlatPyramid is the fastest growing 3D model marketplace that currently:

- Stores and displays over seventy thousand 3d model assets
- Allows content creators to sell their 3d models on FlatPyramid
- Serves a global community of 3D artists and buyers

04. Quick Facts About FlatPyramid

1. 3D Modeling Applications
2. Provides 3d models to several high growth industries like Gaming, NFTs, Metaverse, AR & VR, Avatars, Film Special Effects and Animation.
3. More than 77,000 3d models available for sale.
4. 100,000+ professional 3D artists use the asset marketplace already.
5. Fastest growing asset marketplace for NFT 3d models.

05. The importance of 3D modeling

3D Modeling is an expansion of the concept of two-dimensional drafting. By adding the third dimension there is exponentially more information that can be included in the resulting model.

A long list of industries create and use 3d models in the early stages as a foundation for designers to bring designs into reality in the form of detailed construction drawings, images, and renderings.

01. Viewer Experience

3D enhances the experience of a product, design, or virtual world to the immersive realms. With the extra dimension, 3D models transform the viewer's opinion of what they're viewing in seconds.

A 3D model offers a more accurate representation of the object. It's simple: the more realistic an object looks on screen, the more the target audience connects to the story, product or service being offered . As a result, this makes the image a lot more persuasive than the common 2D equivalent, like photos.

02. Business Efficiency

The continuous advancement of technology and business brings with it the need to become more efficient. Stock 3d models save production time and costs and make it possible to create immersive experiences in the digital world (games, metaverse, NFTs, special effects, interactive media, etc).
3D models are modified using software which means that any object can be created and represented by a 3d model without the need to physically build it. This is very important when considering the pace of innovation and rate of production of interactive media due to the ever increasing demand for content.

03. Flexibility in Changes

3D models offer a lot more possibilities for changes/alterations than physical objects or photos. You can move, rotate, manipulate and color or shade 3D models as desired.

When using 3D models, it is easier to see the impact of minor or major changes in the overall design and/or end product. Hence, finalizing and approving the design is achieved faster with lower production and and post-production/construction costs due to reduced changes or corrections.

04. More Accurate Portrayal of Measurements and Distance

In every place where it is important to keep a definite ratio of sizes, 3D models can enable accurate scale. For example, you can ensure furniture fits in a real world or virtual room as intended as well as ensure that the clothing for your avatar game fits and looks as desired.

A 3D design made with 3D models clearly shows the physical dimensions of the objects and its distance in relation to other objects in the total layout. This helps customer, gamers, end-users see and adjust objects based on their sizes to achieve varied objectives like space, movement problems, room size corrections, lighting, textures, effects, and so on.

05. Fewer Instructions and No Language Barriers

Unlike 2D designs which may need clear instructions on how to deduce design information, 3D designs are almost instruction-less and without any language barriers. It is natural for any human to understand 3D design and experience the virtual reality it creates.

Using 3d models also means there are far less back and forth requests/touchpoints needed just to understand the information. With 3d models, you won’t need to clarify things such as depth, texture, etc., as much as you would for a 2D drawing!

06. Problems with the 3D modeling industry

01. Copyrights Infringement and Theft of 3D Models

This is due to the lack of digital fingerprinting of assets required to prevent somebody else from uploading and reselling your 3d assets without purchase or authorization.

The 3d modeling industry has constantly faced problems of piracy, unjust revenue sharing, and duplication of 3d model assets.

FlatPyramid's integration of blockchain and NFT technology holds the potential to overcome these challenges by redefining the 3d modeling industry. Thus, the 3d artists, game developers, and end-users of the applications and games developed will benefit more from their creativity.

The 3d model industry is a multi-billion dollar industry and expected to grow continuously. However, unlike the growth of the overall market, the revenues of 3d artists are not increasing proportionally. This is due in large part to the copyrights of the creators not being protected properly.

Today, theft of 3d models is widespread. You can find a lot of 3d models published on several platforms while the original creator of the 3d asset did not authorize nor is aware that their 3d models are being sold on other platforms and violating their copyrights.

The same problem is faced by those who download the 3d model files. These users do not get proof that the 3d model they paid for is now officially theirs.

FlatPyramid's NFTs are going to solve this problem by providing a unique id and digital fingerprint for each 3d model file. All 3d models proof of original ownership and transfer of ownership or licensing will be recorded on the blockchain. This is one of the viable options currently used in controlling online piracy and protecting the rights of 3d artists globally and those who download their content.

02. Currency and Payment Issues

There are millions of buyers and sellers of 3d models located in different countries all over the world. However, most of them are locked out of the market because most 3d asset marketplaces are located in countries that only accept the major fiat currencies and use payment systems not supported or available in certain countries.

A buyer might locate a 3d model they need only to find that the marketplace selling it does not accept their available payment method, or it is located in a country or region that the buyer can't access due to currency and/or payment restrictions.

FlatPyramid will solve this issue by allowing payments to be done using cryptocurrencies. FlatPyramid will allow users to just connect their wallet, approve their funds (e.g. USDC/FP3D), and just pay to mint the NFT on its platform. A significant discount will be given if the user pays using FlatPyramid’s native token, FP3D.

07. Integrating NFT Technology into a 3D Model Marketplace

After integrating NFT technology into our 3d model marketplace, FlatPyramid will provide each customer a unique copy of every 3d model they purchase and download. Upon every download, an NFT is minted and the 3d model is attached with its NFT's unique identifier.

FlatPyramid is powered by its native token, FP3D, and hosts NFTs on two separate blockchains to start with, and more to follow, for interoperability and convenience of its users:

01. Ethereum Blockchain (refer to Appendix 3)
02. Binance Smart Chain (refer to Appendix 4)

The technology behind NFTs presents a very valuable characteristics as an asset class, its unique, indivisible, exchangeable and its ownership is easytoverify. Each NFT contains data that differentiates it from any other NFT, and such data cannot be replicated. Therefore, replicating NFTs is fruitless because each NFT can be traced back to the original issuer using the blockchain.

The vast majority of NFTs are built using Ethereum, the decentralized open-source platform that uses blockchain technology to create and run decentralized digital applications (DApps) that enable the creation of smart contracts.

Ethereum allows the use of token standards, a form of blueprints, which enable developers to build NFTs while ensuring that the NFTs are compatible with platforms, exchanges, and wallet services currently in the blockchain ecosystem.

08. FlatPyramid's Current Business Model

Showcases 3D Model Use Cases

Custom 3D models

Stock 3D Models

Data Store

FlatPyramid Website

FLATPYRAMID

Buy 3D Model NFT

Buy 3D Model File (current)

ETH

Other Blockchains

BSC

Pay with FIAT

Download

Pay with Crypto (USDC/FP3D)

New NFT with unique ID is minted

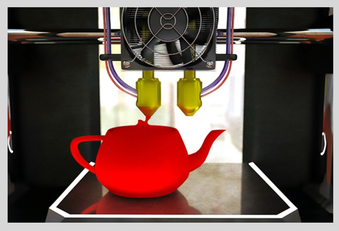
Details of buyer and amount is stored decentralized on IPFS and in contract

Download

Use

Gaming

Metaverse



Augmented Reality (AR)

Virtual Reality (VR)

09. What are NFTs?

NFTs (non-fungible tokens) are tokens that we can use to represent ownership of unique items.

They can only have one official owner at a time and they're secured by a specific blockchain, which no one can modify the record of ownership or copy/paste a new NFT into existence.

NFTs have become a way to represent anything unique as a blockchain-based asset. Powered by smart contracts on blockchains, NFTs are giving more power to content creators than ever before.

In 2021, there has been increased interest in using NFTs. Blockchains like Ethereum, Binance Smart Chain, Solana, Terra Luna, Harmony, Flow, and Tezos have their own standards when it comes to supporting NFTs. However, each works to ensure that the digital item represented is authentically one-of-a-kind.

NFTs are now being used to commodify digital assets in art, music, video, 3d models, sports, and other popular entertainment.

10. The Potential of NFTs

Non-Fungible Tokens are much more than just another quickly passing crypto trend. The NFT technology has many unique applications, and the full potential of NFTs is only beginning to be explored.

It seems like the NFT gold rush is only starting as more and more individuals and businesses decide to enter the Non-Fungible Token ecosystem. The fact that the most popular NFTs are still relatively simple 2D images suggests that the market is still very undervalued - the true eruption in NFT popularity might not begin until complex Non-Fungible Tokens exploring the full potential of the new technology become more popular.

There were $93 million in transactions in the fourth quarter of 2020, according to the website, which tracks NFT transactions and marketplaces.

2021 isn't over yet, but it has already seen a rapid rise in the popularity of NFTs. They have become more common than ever before, with more NFTs being created, bought, and sold. And people are willing to spend top dollar on digital assets that they really want to claim as their own.

More than $12.5 billion have been spent on NFTs already in 2021 — representing an increase of about 12,000% from Q4 2020 — according to nonfungible.com data. As a whole, NFTs could grow to a roughly $240 billion market by 2030, thanks to social gaming and the Metaverse, according to Morgan Stanley.

The economic momentum NFTs have in the crypto market has exploded because of a trend towards digital collectibles. NFTs are also accelerating a larger trend of digital economic innovation as the public is increasingly favoring a crypto-economy.

11. How do NFTs work?

NFTs have some special properties:

- Each token minted has a unique identifier.
- They're not directly interchangeable with other tokens 1:1. For example, 1 ETH is exactly the same as another ETH. This isn't the case with NFTs.
- Each token has an owner and this information is easily verifiable.
- They live on specific blockchains and can be bought and sold on NFT marketplaces built on these blockchains.

In other words, if you own an NFT:

- You can easily prove that you own it.
- No one can manipulate it in any way.
- You can sell it, and in some cases, this will earn the original creator resale royalties.
- Or, you can hold it forever, resting comfortably knowing your asset is secured by your wallet on a specific blockchain.

And if you create an NFT:

- You can easily prove you're the creator.
- You determine its scarcity.
- You can earn royalties every time it's sold.
- You can sell it on any NFT marketplace or peer-to-peer site. You're not locked into any platform and you don't need anyone to act as an intermediary.

12. What do you get when you buy an NFT?

Basically, you are buying the ownership of a digital good or asset (3d model). This may be a single edition, one of many editions, part of a collection, etc. You do not purchase the copyright to the 3d model in most cases, which means the NFT creator can still do what they please with their digital asset.

Additionally, it does not grant exclusive access to the digital asset. This means that there may be a million copies of the same 3d model or image on the internet for all to see, but only one unique NFT that shows ownership of the asset. This aspect of NFTs is hard to comprehend from a traditional asset ownership perspective, but it shows a changing trend in value for digital consumers.

One analogous example is that of sports trading cards. There may be 1,000 copies of a player's rookie card, but only one has that player's signature on it. That card is worth far more than the others, as it is the only signed copy.

Utility Token

A utility token is a digital token of cryptocurrency that is used to purchase a good or service offered by the issuer of the cryptocurrency and also to fund the development of the cryptocurrency.

FlatPyramid's marketplace for 3d models and related products will be powered by FlatPyramid's utility token which has the ticker **FP3D.** All NFT transactions made on FlatPyramid will use FP3D. This token will introduce blockchain technology into a 3d model marketplace, presenting a new system where each 3d model will be represented through an owner.

Initially, FP3D will be available on two separate blockchains as a standard utility token with the same tokenomics and distribution. Later in the development stage, a bridge will be developed to allow the interconversion of tokens on several blockchains. Also, later in the road map additional blockchains will be added.

Initially, the first two blockchains will be:

01. Ethereum Blockchain (refer to Appendix 3)
02. Binance Smart Chain (refer to Appendix 4)

Working

01. Downloading 3d Models and Getting NFTs

Users will visit the FlatPyramid website (www.flatpyramid.com) and browse from the different listings of 3d models.

A user will have the option to choose to buy the 3d model only (with fiat currency) or 3d model NFT (with cryptocurrency).

After the user selects to add to cart the 3d model NFT, the user is redirected to a screen to choose their preferred blockchain network (e.g. ETH or BSC). Upon choosing a network, the user will be allowed to select the currency that will be used to pay (initially either USDC or FP3D) and proceed to connect their respective wallet (NFT collectible storing supported wallet).

When users select FP3D, they will get a 20% discount. Once they approve the transaction and confirm it, a payment transfer transaction occurs and an NFT of the 3D model is minted and sent to the user's wallet.

02. Selling 3d model NFTs and files

Users first upgrade to become a Seller and create a seller member account to sell their 3d models.

Sellers will be able to access a dashboard (Seller Dashboard) where they can upload their product files to the FlatPyramid data stores.

Within the Seller Dashboard, the seller can access the Product Manager, to easily create and edit their 3d model products and attach their uploaded files. Then, they add the product metadata including the description, previews (thumbnails), keywords, price, etc. and publish the 3d model to get their product indexed on the search engines and available online.

To get paid, sellers complete their payment information under their profile and receive payments for earned royalties in crypto or fiat.

Sellers easily check their sales and earned royalties by accessing the Seller Dashboard area.

13. FlatPyramid's Economics

a. Tokenomics and Distribution

01. Utility Token on Ethereum Blockchain (ERC-20)

Name:	FlatPyramid
Ticker:	FP3D
Total Supply:	400,000,000 (400M)
Decimals:	18

02. Utility Token on Binance Smart Chain (BEP-20)

Name:	FlatPyramid
Ticker:	FP3D
Total Supply:	400,000,000 (400M)
Decimals:	18

b. Token Distribution

FlatPyramid will be issuing a total supply of FP3D that will be allocated as follows:

Listings & Partnerships: **40%**

Further Development & Marketing: **15%**

Founders & Advisors (locked for 12 months): **10%**

Presale & Public Sale: **10%**

Company reserve (locked for 12 months): **10%**

Constant Burns: **10%**

Donations & Causes: **5%**

c. Token Allocation Details

Presale:

During the presale phase, FlatPyramid will issue 10% of the total FP3D token supply on both Ethereum and Binance Smart Chain so that FlatPyramid can collect the funds necessary to integrate the NFT technology in a much more efficient way and also move towards further development features.

Listings and Partnerships:

FlatPyramid will keep 40% of FP3D's supply, or towards Listings and Partnerships. Listings include listing on popular DEXs (decentralized exchanges) so that FP3D can be traded and available to a higher number of users.

Partnerships include collaborations and agreements with related projects and suppliers to expand FlatPyramid's NFT assets marketplace

- On the Ethereum chain, listings will be done on DEXs like: Bancor, Uniswap and SushiSwap
- On the Binance Smart Chain, listings will be done on PancakeSwap

Founders and Advisors:

FlatPyramid will keep 10% of the total FP3D token supply for its development team, founders, and those who have had a hand in making the FlatPyramid platform succeed. This 10% supply will be locked on both chains and the transactions for these locks will be sent to the official telegram chat.

Further Development and Marketing:

FlatPyramid will constantly liquify 15% of the total supply so that new and innovative features can be constantly added to the platform for our users and for each product and new feature released, effective marketing can be done to pump the price.

Constant Burns:

FlatPyramid will perform manual burns of its tokens at fixed time intervals. For this purpose, 5% of the total FP3D token supply has been kept aside.

Donations and Causes:

FlatPyramid will keep 5% of the total FP3D token supply for donations, charities and to help out for valid and important causes. Each decision to help any cause or person out will be approved by the community.

Company reserve:

10% of the total supply will be kept to be used for FlatPyramid's registered company. These tokens will be liquified to pay for expenses such as for legal, licensing and other issues.

14. Statement of Risks and Disclaimer

Legal Disclaimer

In consideration of FlatPyramid (the “Company”) providing this Whitepaper to the Recipient, (the “Recipient”) acknowledges that the contents of this Whitepaper are confidential to the Company, and the Recipient agrees not to disclose, distribute or permit to be communicated verbally, directly or indirectly, or to otherwise publish the contents of this Whitepaper except with the prior written consent of the Company. For the purposes of this acknowledgement, “recipient” includes, without limitation, any principal, employee or agent of the Recipient.

This Whitepaper, and any offers made within it, is solely for Participants. This Whitepaper provides a summary of the main features of the Company. It contains general advice only and has been prepared without taking into account any participant’s objectives, financial situation or needs. Participants should read the Whitepaper carefully and assess whether the information is appropriate for them in respect to their objectives, financial situation and needs.

This Whitepaper does not purport to contain all the information that a prospective participant may require. In all cases, interested parties should conduct their own investigation and analysis of the Company and the data contained in this Whitepaper. The Company does not make any representation or warranty as to the accuracy or completeness of the information contained in this Whitepaper. Furthermore, the Company shall not have any liability to the Recipient or any person resulting from the reliance upon this Whitepaper in determining to make an application to apply for shares in the Company.

The Company considers that the financial and non-financial information contained in this Whitepaper has been prepared to the best of its reasonable knowledge and ability. However, recipients must rely on their own investigation of all financial information, and no representations or warranties are or will be made by the Company as to the accuracy or completeness of such information.

The Company makes no representation about the underlying value of the tokens on offer. Prospective participants must make their own assessment about whether the price of the tokens being offered represents fair value.

Participant Warning

Participation in a token offering or sale carries high risks. It is highly speculative, and before participating in any project about which information is given, prospective participants are strongly advised to seek appropriate professional advice.

The information contained in this Whitepaper has been prepared by or on behalf of the Company. FlatPyramid has not undertaken an independent review of the information contained in this Whitepaper.

Prominent Statements

The information contained in this Whitepaper about the proposed business opportunity is not intended to be the only information on which a decision is to be made and is not a substitute for a disclosure document or any other notice that may be required under Law. Detailed information may be needed to make a token participation decision.

Prospective participants should be aware that no established market exists for the trading of any tokens that may be offered.

Future Statements

Except for historical information, there may be matters in this Whitepaper that are forward-looking statements. Such statements are only predictions and are subject to inherent risks and uncertainty. Forward-looking statements, which are based on assumptions and estimates and describe the Company's future plans, strategies, and expectations, are generally identifiable by the use of the words 'anticipate', 'will', 'believe', 'estimate', 'plan', 'expect', 'intend', 'seek', or similar expressions.

Participants are cautioned not to place undue reliance on forward-looking statements. By its nature, forward-looking information involves numerous assumptions, inherent risks and uncertainties both general and specific that contribute to the possibility that those predictions, forecasts, projections and other forward-looking statements will not occur. Those risks and uncertainties include factors and risks specific to the industry in which the Company operates as well as general economic conditions. Actual performance or events may be materially different from those expressed or implied in those statements.

All forward-looking statements attributable to the Company or persons acting on behalf of the Company are expressly qualified in their entirety by the cautionary statements in this section. Except as expressly required by Law, the Company undertakes no obligation to publicly update or revise any forward-looking statements provided in this Whitepaper whether as a result of new information, future events or otherwise, or the risks affecting this information.

None of the Company, its officers or any person named in this Whitepaper with their consent, or any person involved in the preparation of this Whitepaper, makes any representation or warranty (express or implied) as to the accuracy or likelihood of fulfilment of any forward-looking statement except to the extent required by Law. The forward-looking statements reflect the views held only as at the date of this Whitepaper.

Value Risks

Tokens issued by Company may drop substantially in value or may remain illiquid for long periods of time or indefinitely. Company cannot guarantee an active secondary market for the exchange of tokens purchased in the token sale. Not all disclosures or statements are being made in this disclaimer section. Participants should review the token sale agreement in its entirety and seek the professional advice of legal counsel and investment professionals.

Company may change in value based on a number of factors that are outside our control. There is no guarantee or expectation that FP3D will increase in value, provide a return, or have sufficient adoption and liquidity on exchanges. Owning this token does not constitute a share of equity or ownership in the Company. The token economy is new and exciting. Regulatory circumstances may require that token mechanics be changed or altered.

Company does not have any rights, uses, purpose, attributes, functionalities or features, express or implied, including, without limitation, any uses, purpose, attributes, functionalities or features on the Company platform outside of the stated uses in this Whitepaper. The Company does not guarantee and is not representing in any way that the token has any rights, uses, purpose, attributes, functionalities or features. The Company reserves the right to refuse or cancel FP3D purchase requests at any time at its sole discretion.

Not a Security

It is important to note that any tokens issued on the Company platform are not intended to be securities, and this document is not a prospectus, offering document or a solicitation for investment in a share or equity offering. Tokens issued on our platform as referenced in this document do not confer any type of ownership or debt within the Company. Tokens currently trading or issued in the future are non-refundable. Company will not guarantee any value, secondary market, or commitments to the value of such tokens. Buyer and owners shall participate in each economy at their sole risk.

Risks

FP3D Token is a decentralized Token, offering Utility to token holders to use its NFT token. By using NFT built on smart contracts to replicate existing financial services in a more open, interoperable, and transparent manner.

Company's founding team is obliged to make corresponding risk warnings as a reference for users. Holding FP3D represents an understanding and willingness to accept its risks. The following are the main risks that FP3D prices and Company's projects may face.

Policy risks

There may be price volatility caused by unstable policies on blockchains in countries and regions around the world.

Transaction risks

The trading behavior of the secondary market will affect FP3D's price at all times. The secondary market for emerging digital currencies has a larger volatility than the traditional market, and there may be drastic fluctuations in prices.

Technical risks

The underlying technology of the blockchain is in a high-speed development stage, which is a requirement for Company's projects. There may be a situation where the development of Company is hindered due to the stagnation of the technology.

Operational risks

Risks caused by uncertainties in operating factors such as Company's business strategy, inter-bank competition, and cooperative institutions.

In addition, FP3D also faces many risks, including but not limited to the world economy and environment, blockchain development, smart contracts, corporate operations, and other unpredictable events. Participants must conduct rigorous and careful analysis and realize this responsibility.

Token risks

There is no prior market for tokens and the token sale may not result in an active or liquid market for the tokens.

Future sales or issuance of the tokens could materially and adversely affect the market price of the tokens.

Negative publicity may materially and adversely affect the price of the tokens.

There is no guarantee of any success of the company's business platform or any future token functionality.

The market price of the tokens may fluctuate following the token sale.

The private keys to the escrow wallet may be compromised and the cryptocurrencies may not be able to be disbursed.

The token may be significantly influenced by cryptocurrency market trends and the token value may be severely depreciated due to non-VCN related events.

The use of the tokens may come under the scrutiny of governmental institutions.

The ownership of tokens may fall under new and unpredicted taxation laws that will erode the benefits of the tokens.

There may be unanticipated risks arising from the tokens.

Applicable laws and regulations may limit the utility, functionality, the accessibility and transferability of the tokens.

Crowd sales have been known to come under malicious attacks from hackers and/or other parties resulting in theft of tokens. Such events may inflict massive losses on buyers and the company.

Company risks

The company may be materially and adversely affected if it fails to effectively manage its operations as its business develops and evolves. This would have a direct impact on its ability to maintain or operate the company's business platform and/or develop infrastructure and/or license any future token functionality.

The company may experience system failures, unplanned interruptions in its network or services, hardware or software defects, security breaches or other causes that could adversely affect the company's infrastructure network, and/or the company's business platform.

The company may in the future be dependent in part on the location and data center facilities of third parties.

General global market and economic conditions may have an adverse impact on the company's operating performance, results of operations and/or cash flows.

The company or the tokens may be affected by newly implemented regulations.

The company may not be able to pay any anticipated rewards in the future.

Disclaimer

The introduction and description of the basic condition of the project in this document is an invitation to the general public. It is not and cannot be regarded as an investment or declaration of commitment to any specific or unspecified subject. It is neither nor can it be considered as a specific team's project. It's not a commitment nor a guarantee. The Company's team reserves all rights to modify, delete, add, abrogate, and interpret related behaviors of this document.

Those who have the intention to participate, invest, and cooperate in this project must clearly understand the full risks of this project. Participants shall enter into a written cooperation agreement for participation in this project. The cooperation agreement shall clearly and completely indicate the cooperation, participation or investment. Participants should indicate in written or verbal form that they have fully understood and accepted all the risks that the project has generated or may have, and take corresponding responsibility.

Before you read and use this document, you should understand the following precautions:

This document is an invitation to the project and should not and cannot be regarded as the content, standard or condition of the project cooperation, investment or any contract. The creation, change, and elimination of legal relationships between any project participants and project teams shall be based on the contract concluded in writing.

The "Token, FP3D, and FlatPyramid" referred to in this project as a digital token is not contained in the project team's server and has a complete and independent value separate from the project team. The value of the Token, FP3D, and FlatPyramid is completely determined by the recognition of the value and exchange value of the relevant market participants. It should not be regarded as bonds, securities, or any form of securities, nor is it a project team's, company's equity, shares, ownership or control.

Based on the token generated by this project, the value of FP3D is affected by the market environment and the degree of acceptance of market entities. The project team cannot guarantee the value of FP3D.

The token, FP3D, has the risk of being lost, tampered with, stolen or mishandled. The project team cannot guarantee the storage, retrieval, and modification of the relevant virtual property.

In view of changes in the ongoing regulation of blockchain technology and cryptocurrency, the project team reserves the right to modify, delete, add, and revoke some or all of the contents of this document at any time in accordance with the laws, regulations, and actual conditions of each region. You confirm that you are free to judge the content of the project team and the project services, and bear all risks arising from the use of the contents of this document, including the risks arising from the reliance on the correctness, completeness or practicality of the contents of this document. The project team cannot and will not be liable for any loss or damage caused by your own actions.

Appendix 1: Introduction To 3D Modeling

3D Modeling Definition: In 3D computer graphics, 3d modeling (or three-dimensional modeling) is the process of developing a mathematical representation of any three-dimensional surface of an object (either inanimate or living) via specialized software. The product is called a 3d model. 3d models may be created automatically or manually.

History of 3D Modeling

The first 3d models were created in the 1960s. Back then, only those professionals in the field of computer engineering and automation who worked with mathematical models and data analysis were involved in 3d modeling.

A pioneer of 3D graphics is Ivan Sutherland, the creator of Sketchpad. This revolutionary program helped to create the first 3D objects – 3D is what it is today thanks to Sketchpad.

Sutherland, along with his colleague David Evans opened the first ever department of computer technologies at the University of Utah. They attracted numerous talented professionals from all over the country who helped contribute to the development of the industry. Edwin Catmull, a current head of Pixar Animation Studios and Walt Disney Animation Studios, was one of Sutherland's students.

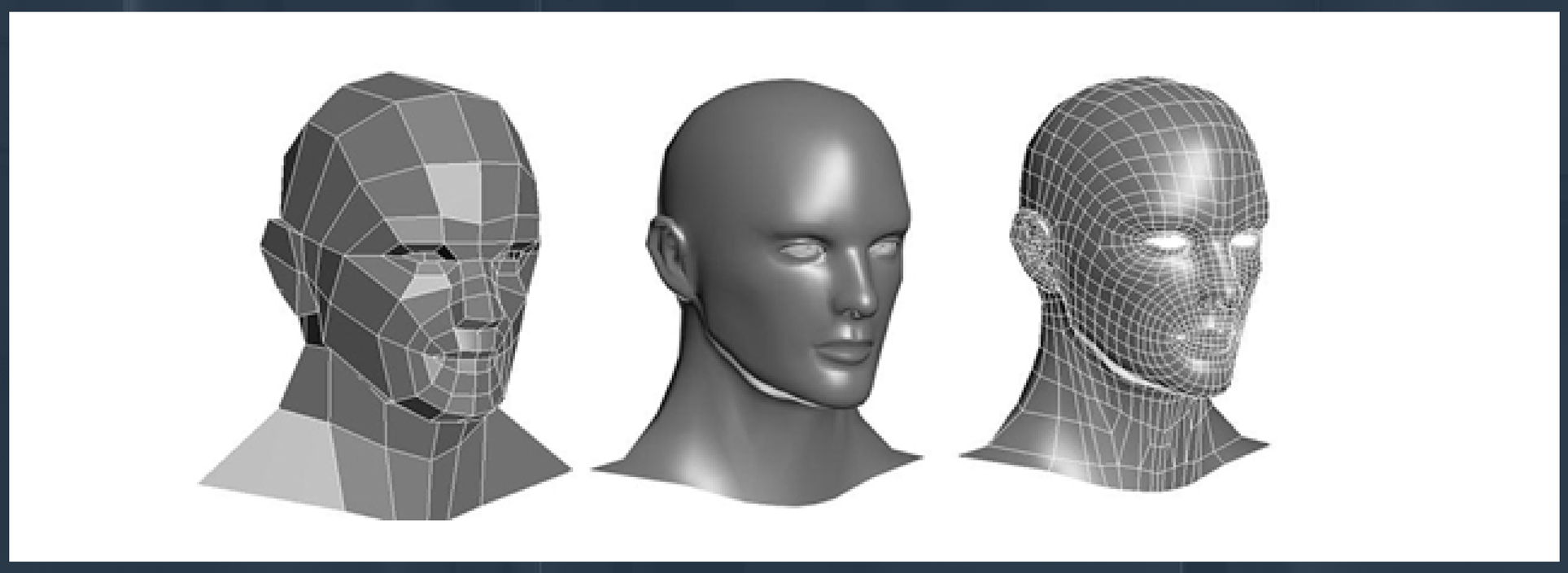
Sutherland and Evans opened the first 3D graphics company in 1969, calling it simply "Evans & Sutherland". Initially, 3d modeling and animation was used mostly in television and advertisement, but with time, its presence in other areas of life has increased greatly.

Ways of Creating 3D Models

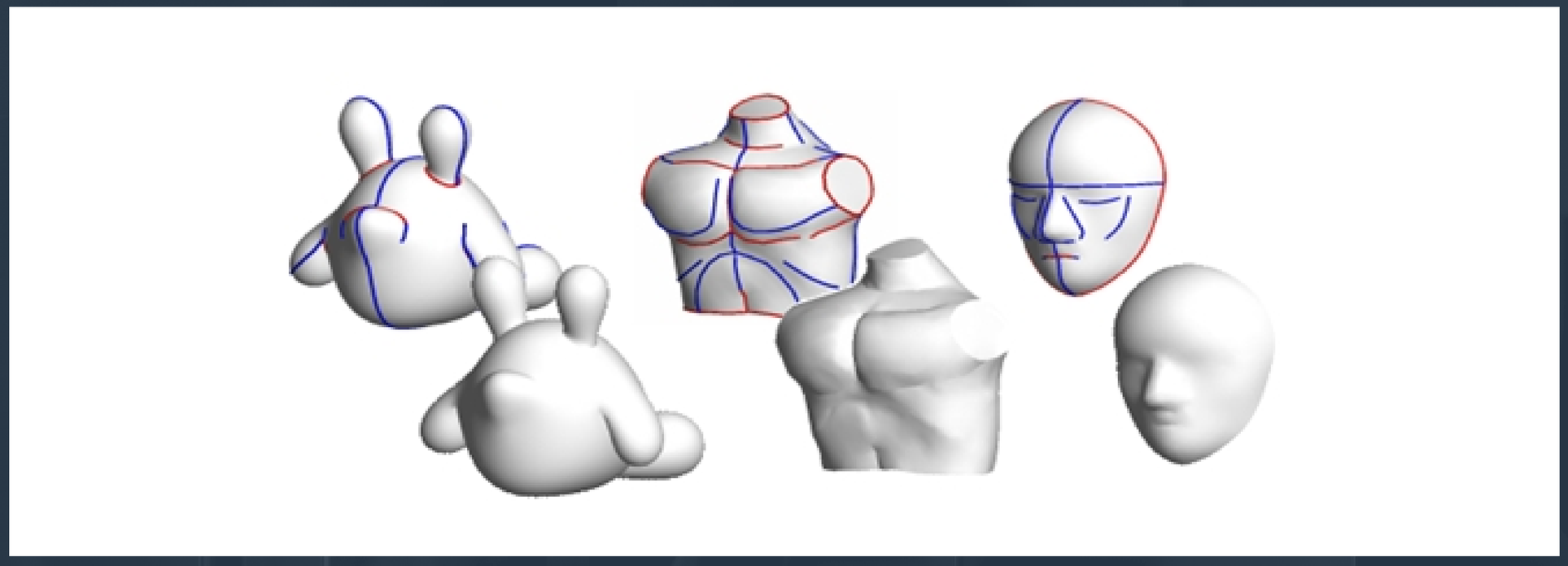
A model can be created automatically (with the help of a 3D scanner), or manually by a 3d artist or 3d modeler (using special computer programs). Many times, 3d modeling refers to the process when a designer creates a 3d model using software – in this case, the term is related to digital sculpting.

There are three popular ways to create a 3d model:

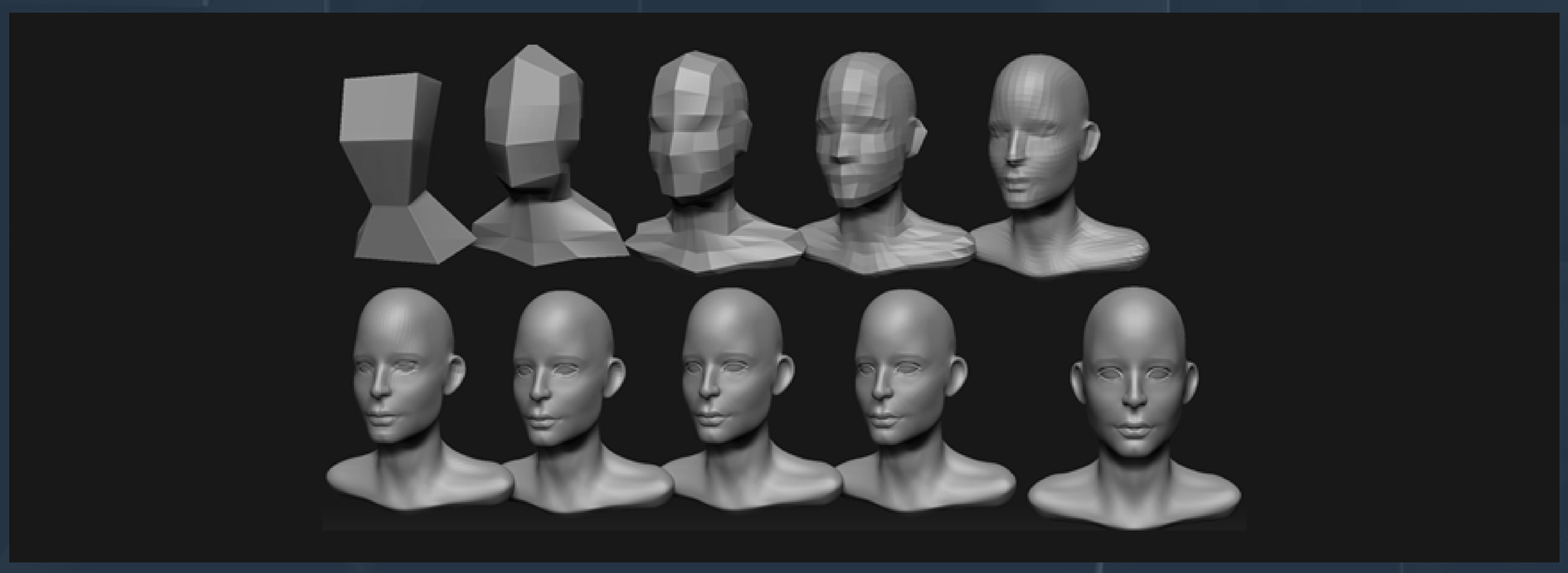
Polygonal modeling – Points in 3D space, called vertices, are connected by line segments to form a polygon mesh. The vast majority of 3d models today are built as textured polygonal models, because they are flexible and because computers can render them so quickly. However, polygons are planar and can only approximate curved surfaces using many polygons.



Curve modeling – Surfaces are defined by curves, which are influenced by weighted control points. The curve follows (but does not necessarily interpolate) the points. Increasing the weight for a point will pull the curve closer to that point. Curve types include non-uniform rational B-spline (NURBS), splines, patches, and geometric primitives.



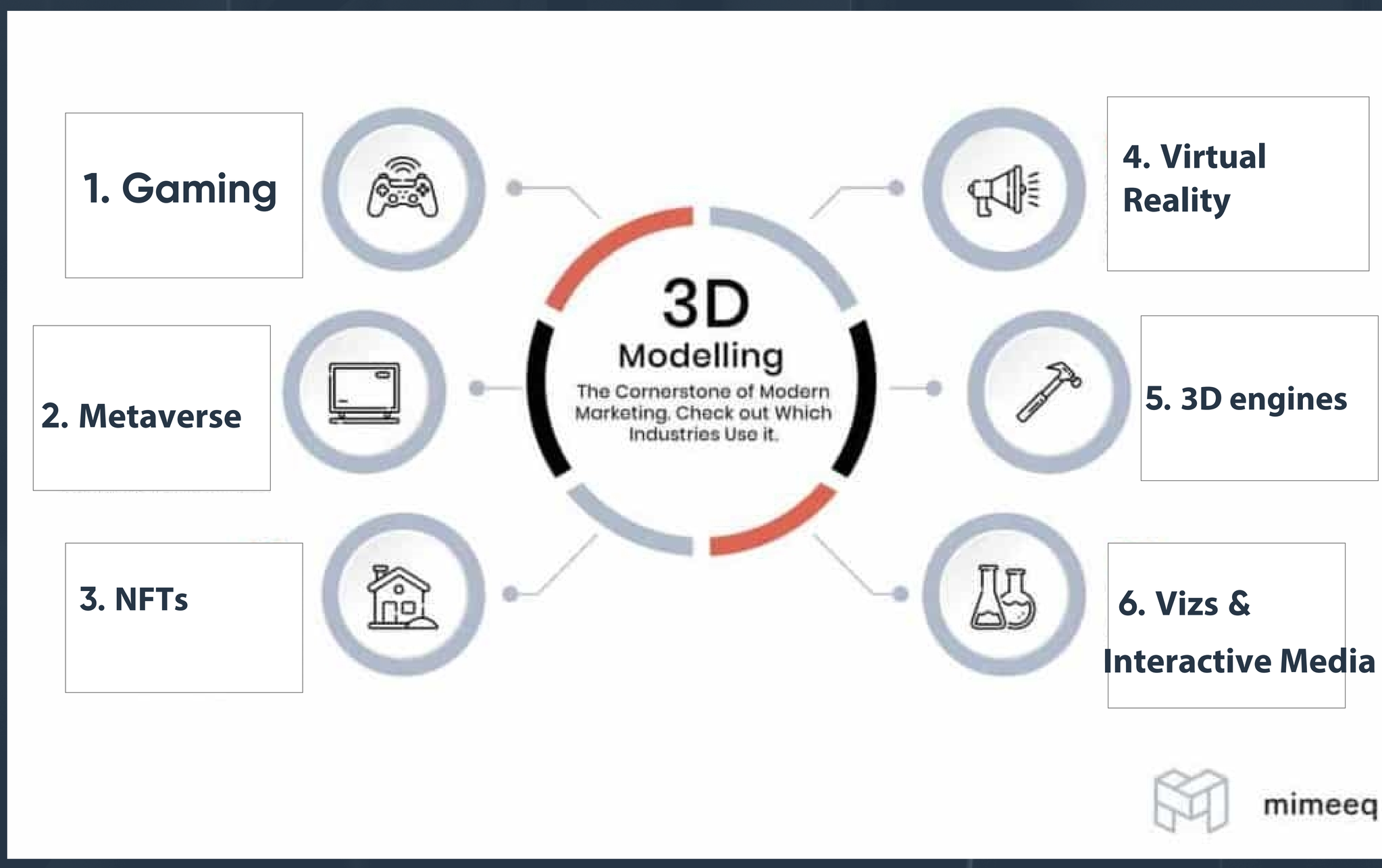
Digital sculpting – Still a fairly new method of modeling, 3D sculpting has become very popular in the last few years that it has been around. There are currently three types of digital sculpting: displacement, volumetric and dynamic tessellation.



Uses of 3D Modeling

3d modeling is becoming an integral part of many human activities, starting with the entertainment and gaming industry and ending with medicine and science. Every year, there are more and more ways to use this kind of modeling.

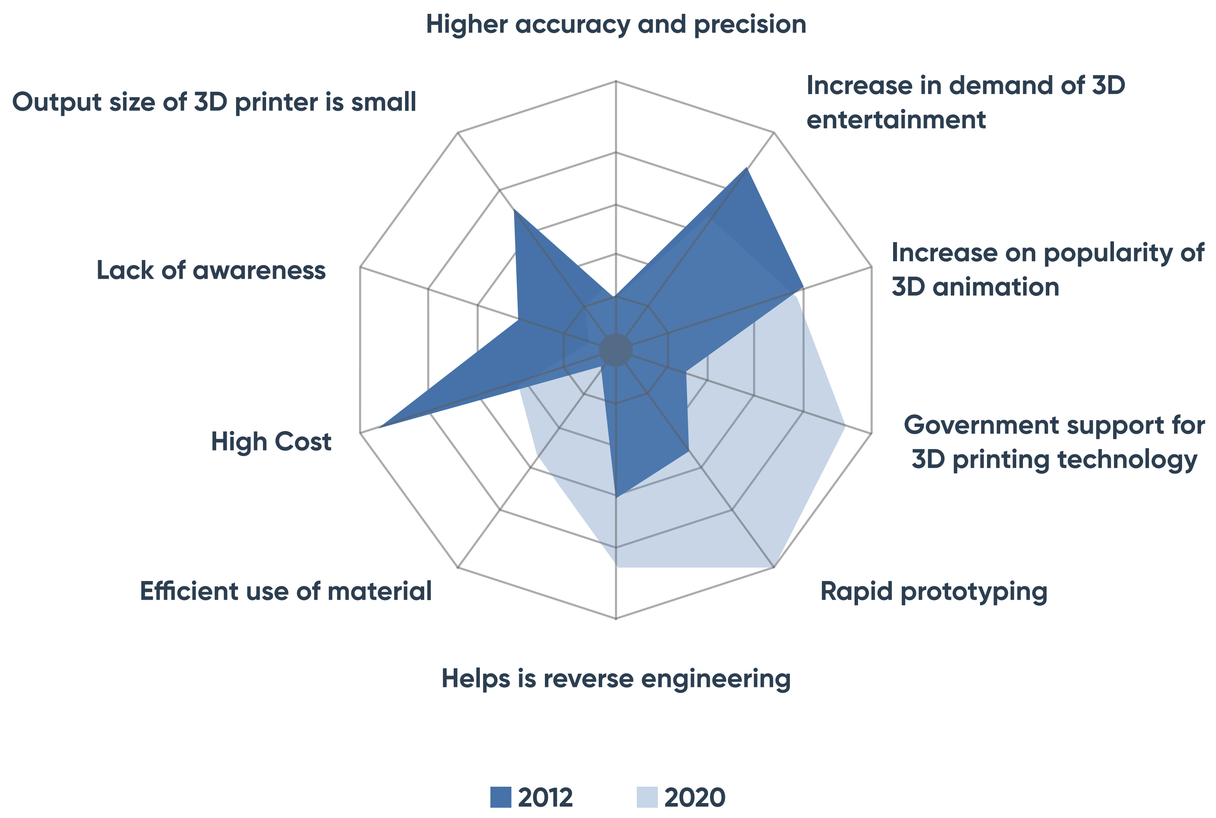
- **Games and Apps**
  - Game assets and avatars
  - Environments
  - Vehicles
  - Structures and Landscapes
  - Lighting and Effects
  - Characters & Animations
- **MetaVerse**
  - Avatars & fashion design
  - Architecture & furniture
  - Exterior Structures & Interior design
  - Luxury items
  - Electronic Gadgets
- **NFTs**
- **Animation** (including films)
- **Augmented Reality and WebAR**
- **Virtual Reality and WebVR**
- **3D Engines**
- **Visualization/Interactive Media**



Top Factors Impacting the 3D Technology Market

Higher accuracy and precision

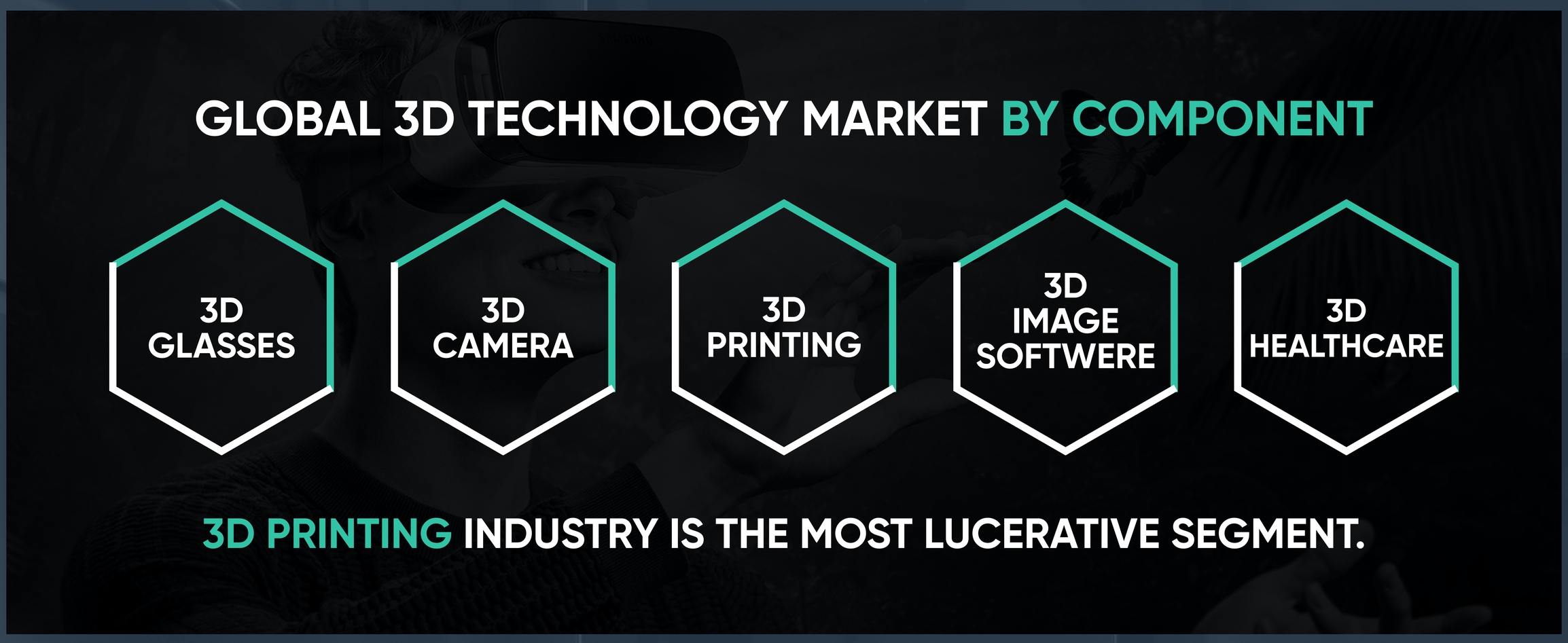
3D technology delivers higher accuracy and precision in the processes. The improved accuracy at every stage of manufacturing will help to save time and material. 3D scanning technology is used in various application areas such as healthcare, manufacturing, automobile and higher security areas such as at airports. 3D information will give in-depth analysis of image. 360-degree evaluation of image is possible with the help of 3D technology.



Higher accuracy and precision

3D movies collected 30% of total box office revenue. The increasing demand of 3D movies is a major driving force to adopting 3D technology in the entertainment industry. Increasing 3D game and visual effect is also impacting the growth of the 3D technology market.

Government supports 3D printing technology



The government is taking the initiative to invest in future technology to create in-house manufacturing job opportunities. The government is investing in the R&D of 3D printing technology. Efficient use of material with the help of additive manufacturing processes is one of the significant drivers of 3D printing technology.

Market Segments

The 3D technology market is segmented on the basis of product and application.

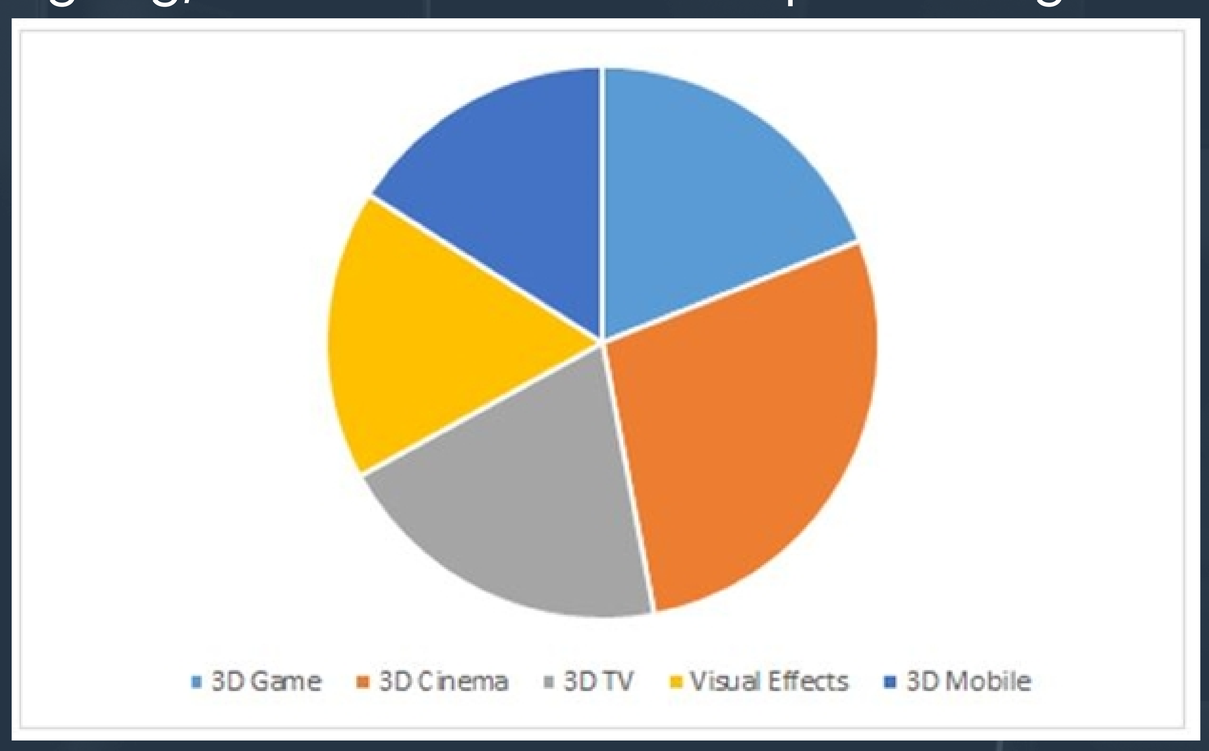
Entertainment

Increasing popularity of 3D cinema and customer demand is shifting towards 3D technology-based TV. This is a major driving force assisting in the adoption of 3D technology in-home tvs.

The depth of image created by 3D technology is very high as compared to in 2D TVs.
3D TVs are the second-highest revenue-generating segment within the analysis period. The increasing popularity of 3D animation in the advertising and cinema sectors is the major driving force assisting in the adoption of 3D technology in many movies. 33% of the market share of Box-Office is generated by 3D movies. This is the main reason that many producers are releasing movies in both 2D and 3D versions.

3D visual effects share 17% of the market share and are expected to grow at a CAGR of 20.2% to 2020. The use of 3D cameras and auto-stereoscopic display technology is expected to share in the market share of the entertainment industry.

The U.S. government is supporting many 3D game manufacturers to expand their businesses and operational scale to innovate new gaming technology. Increasing piracy in the gaming market is a major restraining factor in the growth of this industry. Application sectors such as advertisement, web designing, and visual effects are expected to gain more attention in the future.



3D TECHNOLOGY MARKET KEY SEGMENTS

By Product

- 3D Printing
- 3D Glasses
- 3D Display Technology
- 3D Imaging Software
- 3D Camera

By Application

- 3D Printing Industry
- Entertainment
- Healthcare
- Automobile and Industrial
- Government and Defense
- Architecture
- Others (Forensic & E-education)

By Geography

- North America
- Europe
- Asia-Pacific
- Latin America, Middle East and Africa (LAMEA)

Appendix 2: Blockchain Technology

Blockchain, sometimes referred to as Distributed Ledger Technology (DLT), makes the history of any digital asset unalterable and transparent through the use of decentralization and cryptographic hashing. Each block is identified with a cryptographic signature and refers to the previous block in the chain.

With its decentralized and trustless nature, Blockchain technology can lead to new opportunities and benefit businesses through greater transparency, enhanced security, and easier traceability.

Some features that FlatPyramid aims to incorporate into its marketplace using blockchain:

01. Greater Transparency

Blockchain's greatest characteristic stems from the fact that its transaction ledger for public addresses is open to viewing. In financial systems and businesses, this adds an unprecedented layer of accountability, holding each sector of the business responsible to act with integrity towards the company's growth, its community, and customers.

02. Increased Efficiency

Due to its decentralized nature, Blockchain removes the need for middlemen in many processes for fields such as payments. In comparison to traditional financial services, blockchain facilitates faster transactions by allowing cross-border transfers with a digital currency. Payment processing is made more efficient with a unified system of ownership records, and smart contracts that would automate buying-selling and NFT mint agreements.

03. Better Security

Blockchain is far more secure than other record-keeping systems because each new transaction is encrypted and linked to the previous transaction. Blockchain, as the name suggests, is formed by a network of computers coming together to confirm a 'block', this block is then added to a ledger, which forms a 'chain'. Blockchain is formed by a complicated string of mathematical numbers and is impossible to be altered once formed. This immutable and incorruptible nature of blockchain makes it safe from falsified information and hacks. Its decentralized nature also gives it a unique quality of being 'trustless' – meaning that parties do not need trust to transact safely.

04. Improved Traceability

With the blockchain ledger, each time an exchange of goods occurs and gets recorded on a Blockchain, an audit trail is present to trace where the goods came from. This can not only help improve security and prevent fraud in exchange-related businesses, but it can also help verify the authenticity of the traded assets.

Appendix 3: Ethereum Blockchain

Launched in 2015, Ethereum is an open-source, blockchain-based, decentralized software platform used for its own cryptocurrency, Ether. Ethereum Network enables Smart Contracts and Distributed Applications (DApps) to be built and run without any downtime, fraud, control, or interference from a third party.

Ethereum is not just a platform but also a programming language running on a blockchain, helping developers to build and publish distributed applications.

Ethereum is a platform that can be used to create any arbitrary smart contract including smart contracts that represent digital assets called Ethereum tokens.

The properties and functions of each token are entirely subject to its intended use. Tokens can be used for a variety of purposes such as paying to access a network or for decentralized governance over an organization.

FlatPyramid aims to launch the FP3D token on the Ethereum Blockchain as a utility token designated by the standard ERC-20. The FP3D token will be used to allow transactions to take place on FlatPyramid's marketplace for users who choose the Ethereum network.

Appendix 4: Binance Smart Chain

Binance Smart Chain (BSC) is a blockchain network built for running smart contract-based applications. BSC is a dual-chain architecture that empowers its users to build their decentralized apps and digital assets on one blockchain and take advantage of the fast trading to exchange on the other.

Furthermore, Binance Smart Chain also implements the Ethereum Virtual Machine (EVM), which allows it to run Ethereum-based applications like MetaMask.

FlatPyramid

FLATPYRAMID (FP3D)

White Paper

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