



Project M4M

Crafting Harmony in Diversity: A Digital
Twin's Journey Through Metaverses.

M4M team

Apr, 2023

Crafting Harmony in Diversity: A Digital Twin's Journey Through Metaverses.

Metaverse
Gaia Consciousness
Digital Twin
Cultivating Value

A potent engine sculpting digital realities.
AI ensuring harmony in virtual ecosystems.
Self-sovereign identity traversing across
multiple metaverses.
Endless accumulation shaping distinctive
intellectual properties.



The Market

Metaverse

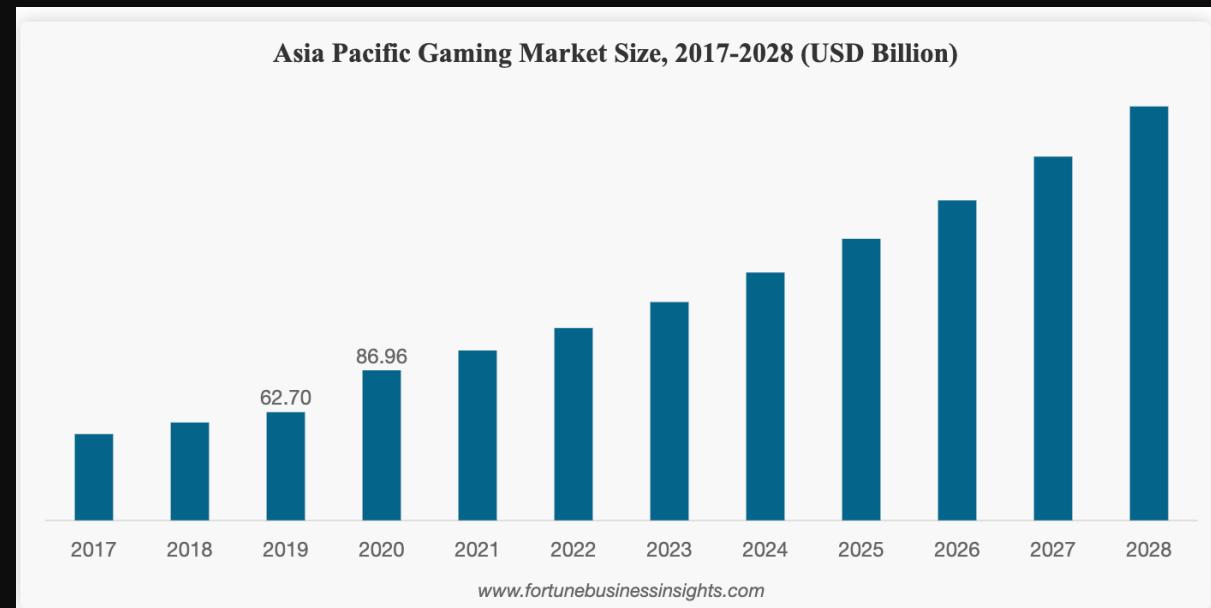
KUALA LUMPUR (Nov 17, 2021):

"Morgan Stanley sees the metaverse as an **US\$8 trillion addressable market** which is likely to become the 'next generation social media, streaming and gaming platform'."

<https://www.theedgemarkets.com/article/report-metaverse-us8-trillion-addressable-market-says-morgan-stanley>

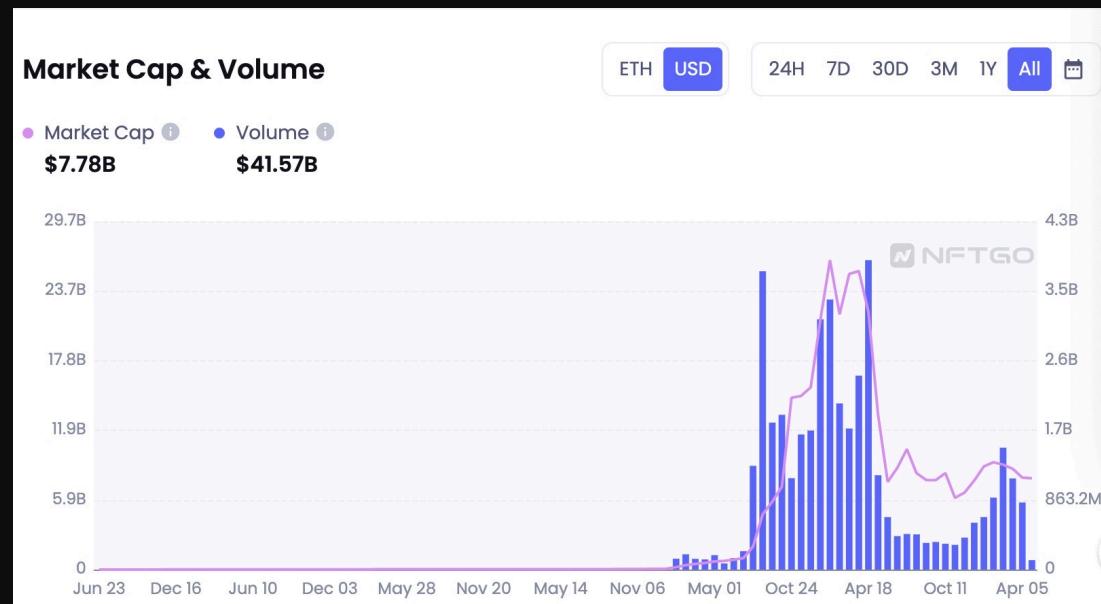
Game

The global gaming market size was USD 203.12 billion in 2020 and is projected to grow from USD 229.16 billion in 2021 to USD 545.98 billion in 2028 at a CAGR of 13.20% during the 2021-2028 period.



Web3&NFT

According to nftgo.com report, as of April 2023, the marketcap of NFT projects has exceeded 7B US dollars, and the data for the same period in 2020 is only 2.7B. At present, the market capitalization of the NFT market ranks first in the type of PFP, with a total market capitalization of more than 2.66 million ETH.



Web3&NFT

From the perspective of NFT transaction volume, according to nftgo.io data, as of April 2023, the transaction scale in the last three months has reached 4.39B US dollars, and the total transaction volume in one year has reached 11.54B US dollars. The total number of active wallets/buyers/sellers on the chain are 4.37 million/2.2 million/1.56 million respectively.



Background

M4M knowledge

The **metaverse** represents the cyclical and progressive evolution of both the tangible real world and the intangible virtual realm.

Ready Player One

- Real world → virtual world
 - Immersive Web



Ender's game

- Virtual world → real world
 - Digital twin
 - ...





- Coherent Worldview (Close Loop)
 - Real-world mapping
 - Autonomous, sociable individuals
 - Sovereign entities and social interactions
 - Independence
- Sustainable and Evolving Ecosystem (Open)
 - Adaptability
 - Traverse-capable



A **self-contained** metaverse is destined to expand into the boundless **multiverse**.



* Snapshots are from "Ready Player One"

Valuable self-sovereign identities, established on a 3rd party trustless framework, are capable of fostering open social engagement across the **multiverse**.

Sovereign
Autonomy

Quantifiable value assessment

Valuable identity

Self-sovereign identity

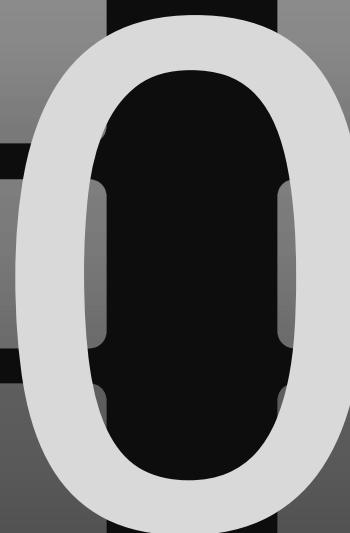
Close-loop
Metaverse

Sociability

Financial instruments

Economic activities

Social interactions



The value of an identity can be amplified through its consumable derivatives, morphing the entity represented by the identity into a collectible asset. The accumulation of these collectibles and their consumable derivatives constructs the value of IP.



Collectible

$$Value_{IP} \approx \frac{Count_{circulated_collection_items}}{Count_{collection_items}} \times \hat{Volume}_{collection} + \sum_{c \in Consumable} (\eta_c \cdot Volume_c)$$



Consumable

Privileged and Confidential

The greater the array of consumable derivatives,
the loftier the valuation of the collectible,
the superior the evolution of Intellectual Property,
the increased number of metaverses adopting the IP,

...

About Project M4M

A Web 3.0 IP incubator
An Infrastructure for All Metaverses



Identity presentation
and,
value accumulation
for multiverse

Meta4D.Me

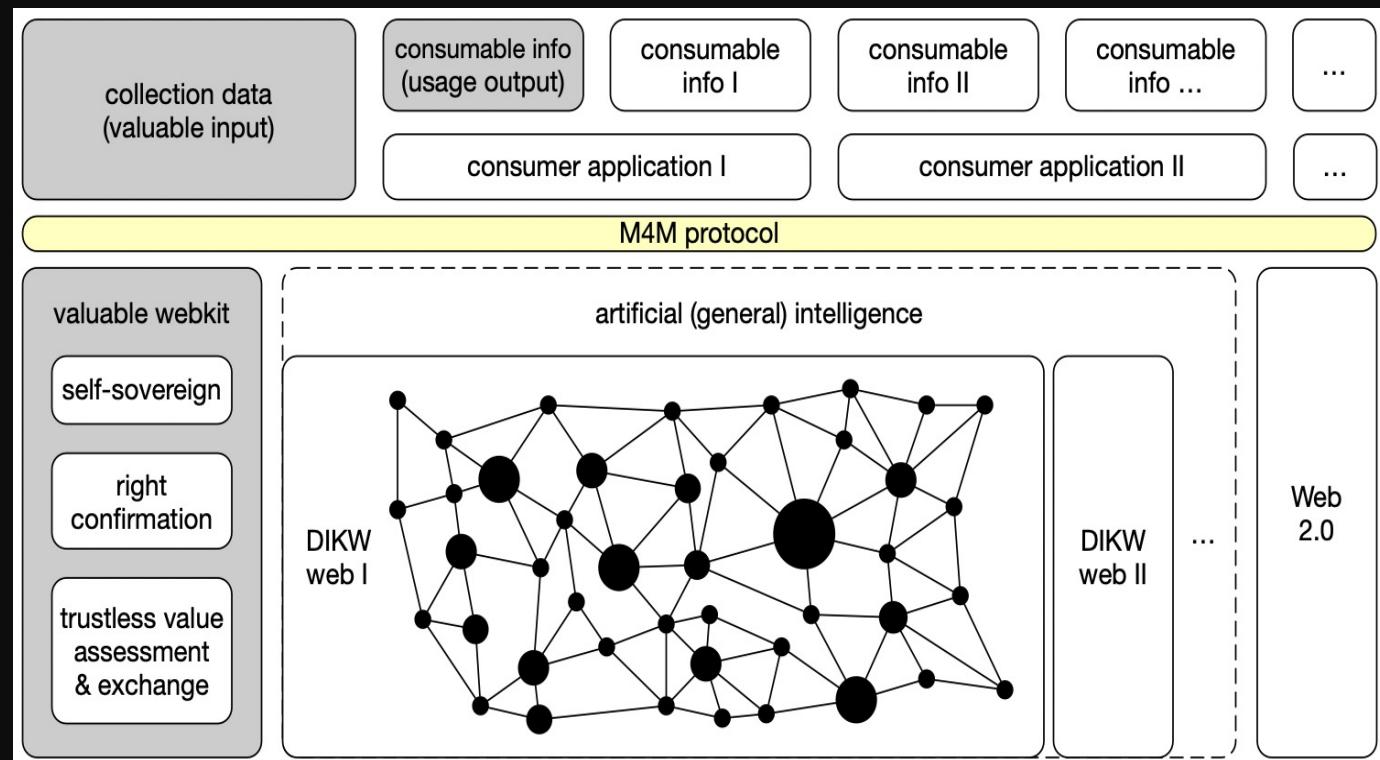
- Infrastructure Foundation
 - Unified identity recognition via blockchain technology
 - Autonomous management of personal information
 - Proprietary 3D motion-interactive rendering engine
- Multiverse Identity Collaboration
 - Standardized protocols and solutions
 - Technology-rich ecosystem for seamless traversal
- Metaverse Social Interactions
 - Blockchain tokenization for value discovery and reliable exchanges
 - Facilitation of economic activities
 - Trustless financial transactions
 - Comprehensive evolution of social interactions



Fostering Close-loop Metaverse IPs through an Open Ecosystem Platform

- **Close-loop:** Characterized by IP-based iterative transformations, applications, and value discovery within adaptive and self-sufficient ecosystems. Accommodating IPs at any stage, providing comprehensive developmental paths and application protocols, filling gaps in IP utilization scenarios.
- **Open:** Compatible with various technological foundations, artistic styles, and practical purposes of IPs. Facilitating the seamless integration of these IPs into diverse metaverse ecosystems.

A New Web 3.0 Narrative (by M4M team)



Web 3.0 should be conceptualized as an information-centric network that symbolizes the zenith of efficient information organization.

Despite the finite nature of web resources, this web would elegantly cater to an infinite variety of content creation demands across diverse application landscapes.

- A(G)I linked data
- Valuable webkit
- Web2.0 infrastructure

M4M – A Web 3.0 IP Incubator

The greater the array of consumable derivatives,

the loftier the valuation of the collectible,

the superior the evolution of Intellectual Property,

the increased number of metaverses adopting the IP,

- **NFT consumable derivative protocol & AIGC toolkit.** Protocol and tools for Non-Fungible Token derivatives of a consumable nature, minting tokens rooted in prospective collectible/collection token.
- **Revenue sharing model.** A model for revenue allocation, wherein fees generated by the utilization of consumables are distributed among holders of the collectible (in collection).
- **Multimodal token protocol.** A versatile token protocol, akin to a "token github," designed to augment the value of a collectible token and its assemblage by incorporating all beneficial consumable modes.
- **M4M engine.** An engine enables cross-verse gaming, purposed to cultivate metaverses and harness the full potential of consumables, collectibles, collections, and IP.

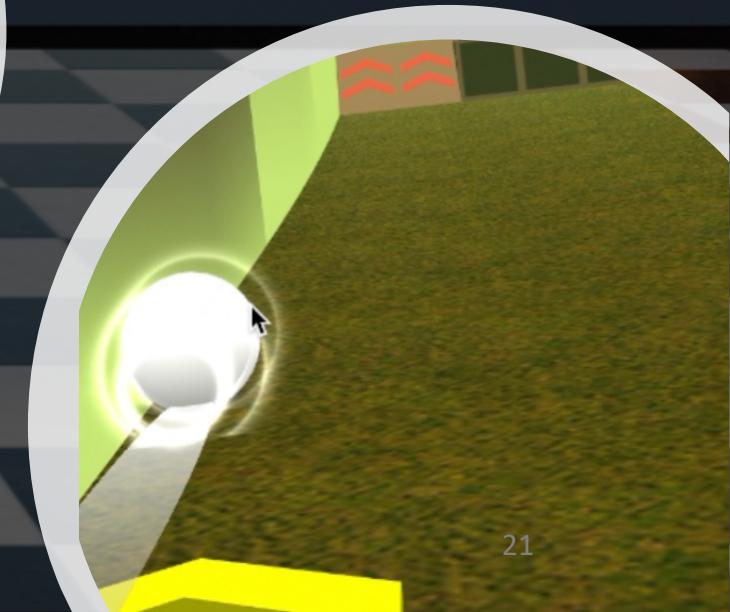
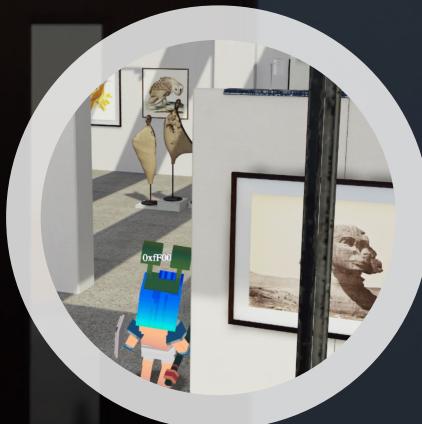
Incubate An IP



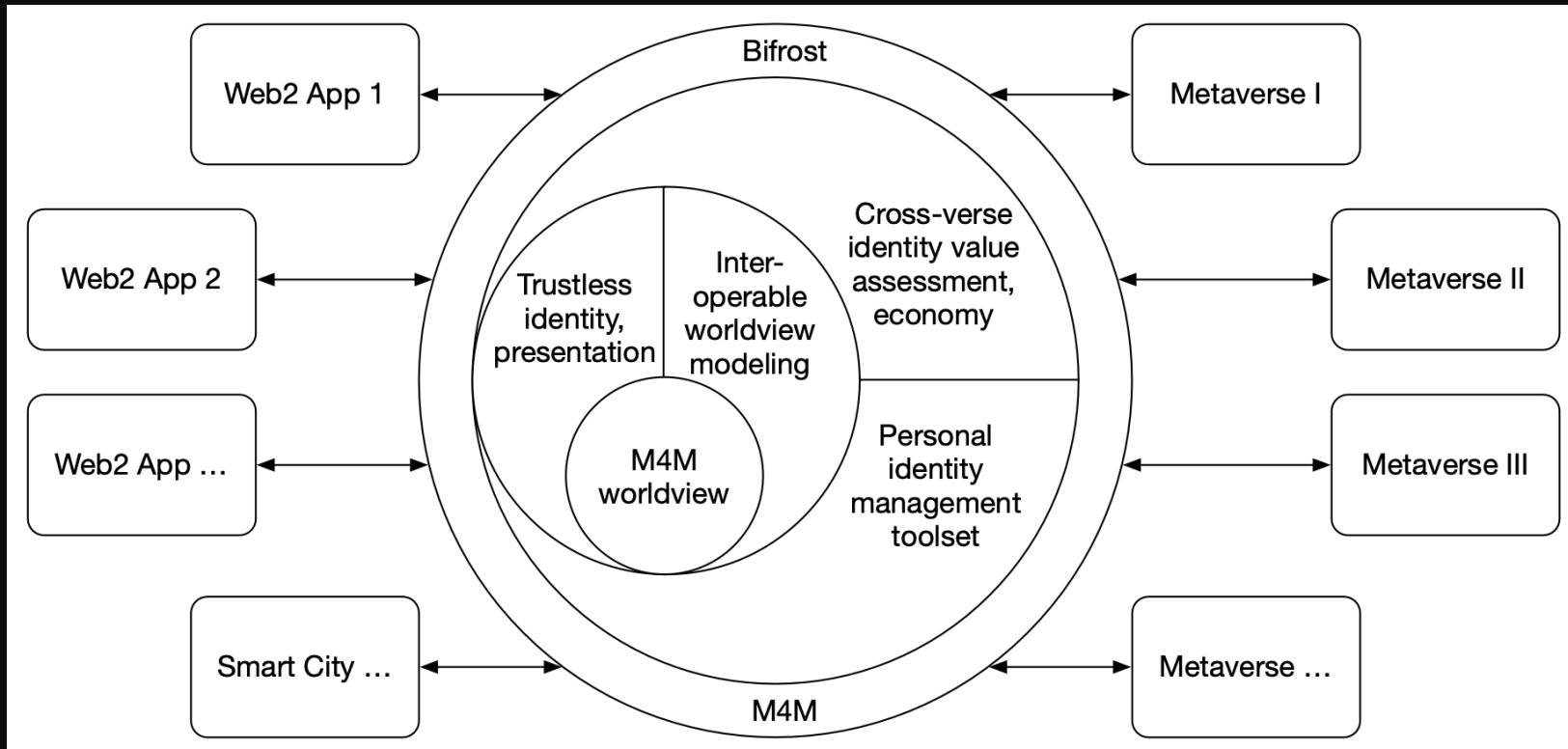
Our Solution

N + 1

- N Metaverses
 - Powered by the M4M engine, enabling independent metaverse applications.
- 1 Bifrost
 - Utilizing the Bifrost application to manage personal identities and assets, traversing the multiverse.



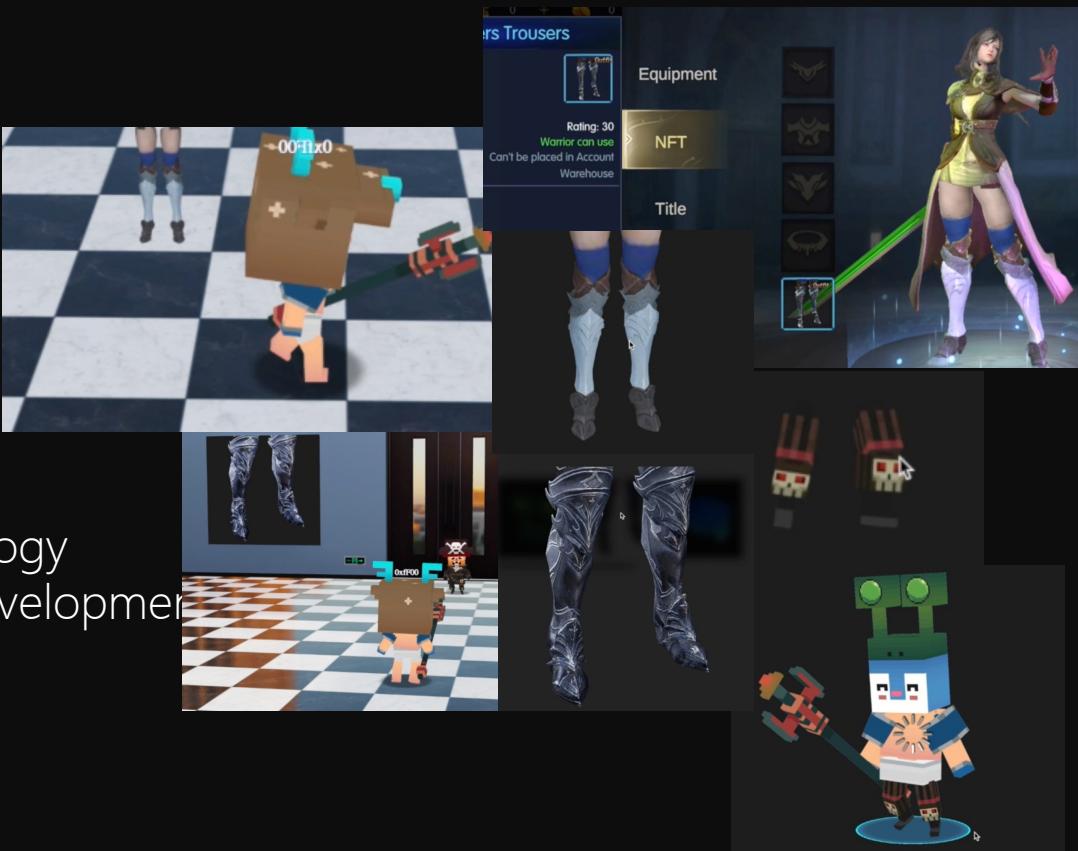
The M4M Bifrost



The M4M Bifrost Protocol serves as a nexus between myriad metaverse applications, bolstering the capacity for cross-verse interactions and self-expression for both identities and entities residing within these interconnected digital realms.

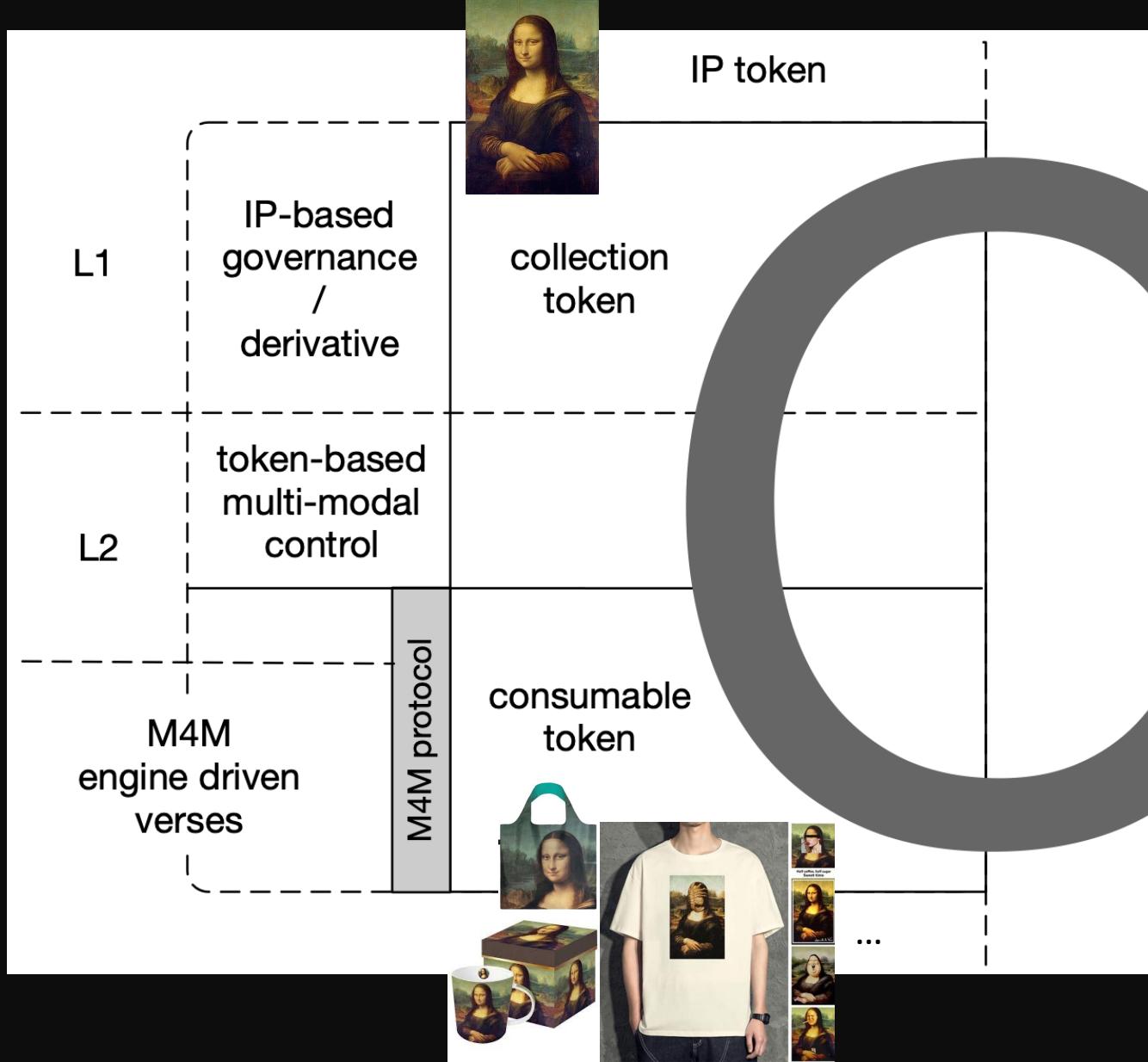
M4M Framework

- 3D Gaming Engine
 - Proprietary rights and internationally leading technology
 - Supporting comprehensive metaverse application development
 - One-stop operation for metaverse applications
- Trustworthy Infrastructure and Digital Identity
 - Unified identity recognition across the multiverse
 - Cross-metaverse item ownership verification
- Cross-System Data Interoperability and Identity Presentation
 - Alignment and expression of multimodal data for a single entity across multiple metaverses
 - Multiverse data collaboration
 - Identity presentation (rendering) distributed network



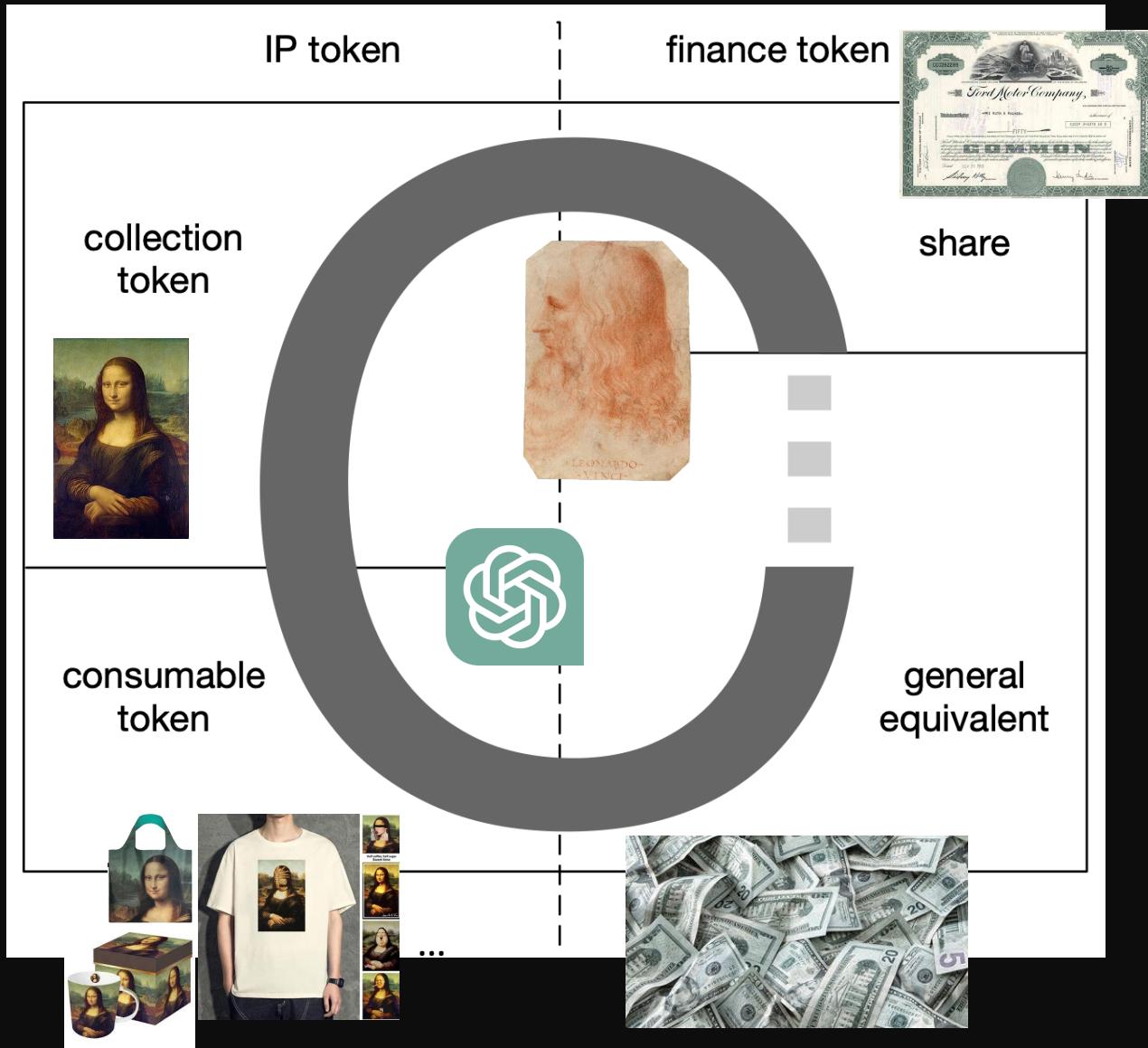
Consumable Derivatives from Collectibles

- Collection Equity Annotation
 - Value accumulation through consumable activities
- Consumable User Scenarios
 - Close-loop of holistic ecosystem social activities
- Engine-Driven
 - Consumable experiences across multiple games or metaverses



Token System

- IP token system
 - Collection token
 - Consumable token
- Share
 - Web3 DAO, IP governance, or,
 - Stakeholder govern
- General equivalent
 - Currency, stable coins, or,
 - Utility cash inside M4M ecosystem



Why Us?

A 3D engine tailored for the Metaverse and Web3.

- An AI-enhanced, blockchain gaming engine for cross-verse interactions.
- Seamless Bifrost interoperability.
- Web3-validated content ownership.
- Community-fuelled, innovative UGC creation.



What We Achieved ...

A Web 3.0 IP Incubator

- Token based IP lifecycle management
 - <https://youtu.be/yZz5Kr7RW5o>
- Engine
 - <https://youtube.com/playlist?list=PLRZiIjYbW4mbUM-Dlmftyj0VdwJXxX700>
- Engine driven NFT consumable ecosystem (sample games)
 - <https://youtube.com/playlist?list=PLRZiIjYbW4mbLD1FUbSkqvebCM-hYJCpZ>
- N+1 and Bifrost (POC)
 - https://youtube.com/playlist?list=PLRZiIjYbW4mbb7B0Wj4dymCIU_6htDClh

Engine driven
consumable scenes,
AIGC interactions

One identity (token),
multiple presentation
cross multiverse

One collection,
multiple consumable
derivatives,
more value

Yet a Long Demo ...

https://youtube.com/playlist?list=PLRZiljYbW4mYiObdDj8JKk3tid_adWDuY



Next Step

Infrastructure and Ecosystem

- A high-performance network for consumable activities and exchanges.
- And,

Hundreds of open-loop games and metaverses.

Millions of consumable derivatives.

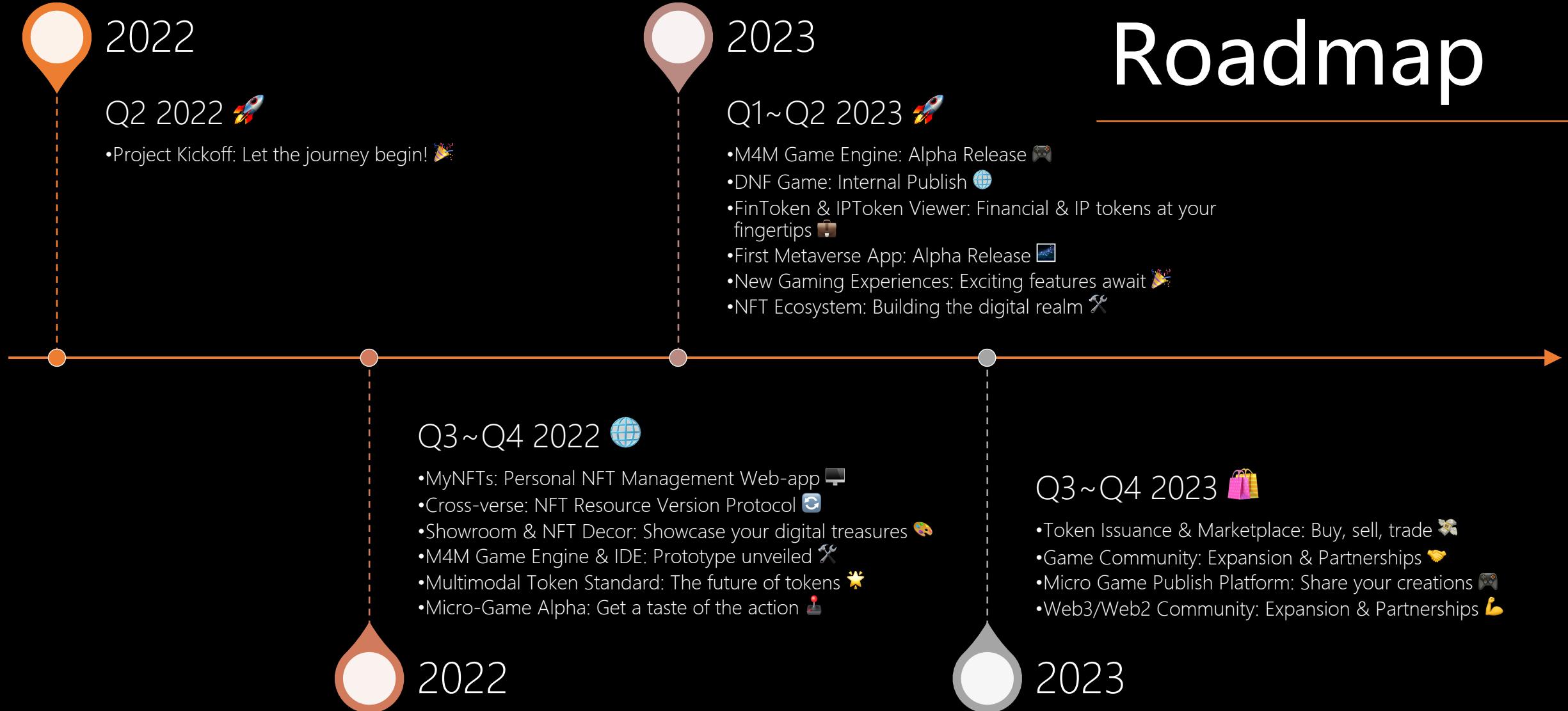
Scarce self-sovereign collectible artifacts.

Astonishing proliferation of intellectual properties.

A wide-angle photograph of a rural landscape. In the foreground, a paved road with yellow center and side markers curves through the frame. The road is flanked by dry, golden-yellow grass fields. In the background, there are rolling hills covered with dense forests of trees showing autumn colors. The sky is overcast with soft, grey clouds.

Roadmap and Fundraising Plan

Roadmap



Fundraising Plan

Pre-A Round

Project Value: 50 Million USD

Plan: 2~10% token for 1~5 Million USD

Project M4M

A Web 3.0 IP incubator
An Infrastructure for All Metaverses

3D Game Engine

Device/cloud collaboration

AIGC



Thanks !!!

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