



MARSERA WHITE PAPER

**The On-Chain Infrastructure
for the Mars Economy**

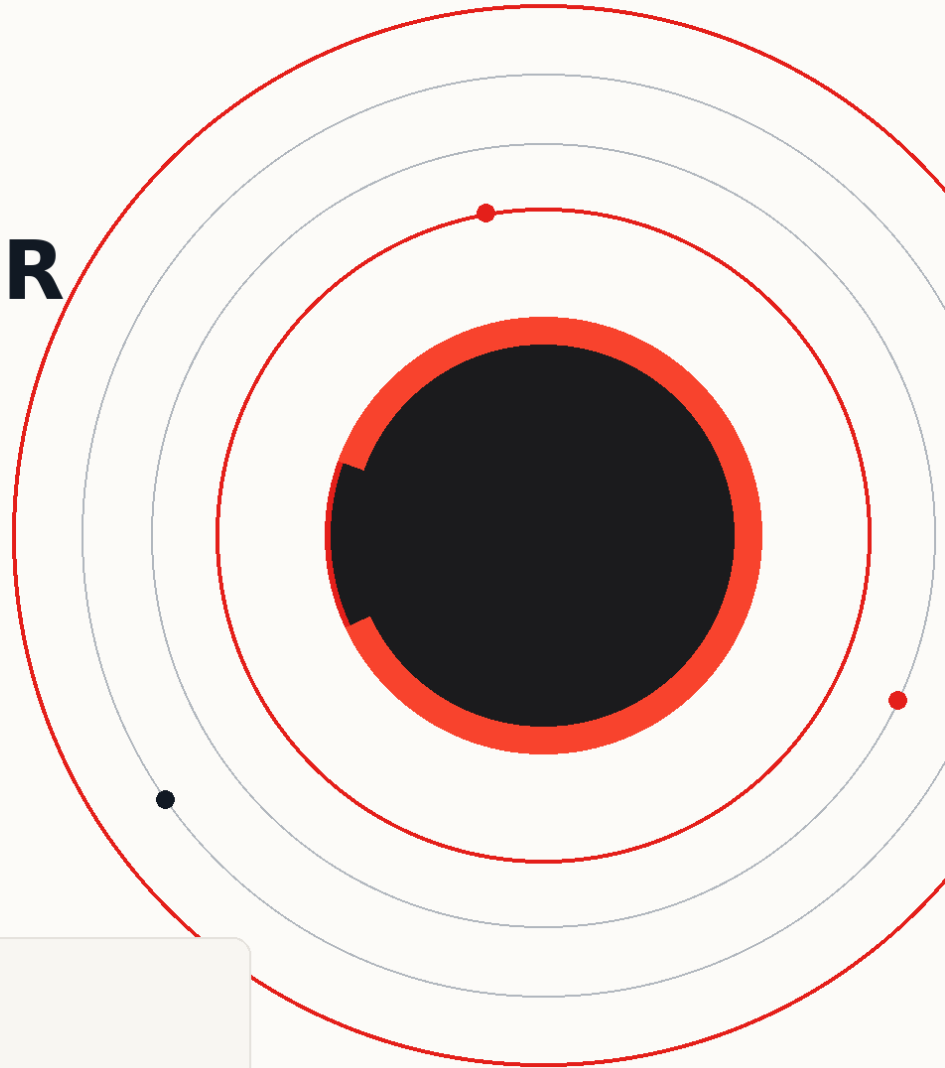
火星经济链上基础设施协议

Building The Economy Beyond Earth.

构建地球之外的经济体系。

**Before humans land on Mars,
the Mars Economy begins on-chain.**

在人类登陆火星之前，火星经济先在链上开始。





CHAPTER 01

THE MARS ECONOMY THESIS

多星球未来所需要的经济层

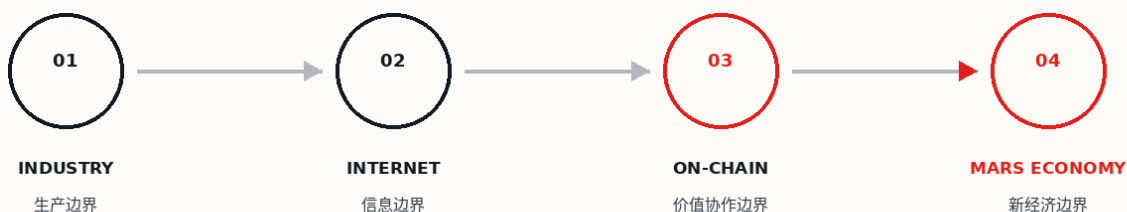
人类文明的每一次重大扩展，都伴随着新的基础设施与新的经济组织方式。工业革命扩大了生产边界，互联网扩大了信息边界，而区块链正在进一步扩大价值协作的边界。

MARSERA 提出的 Mars Economy，并不是预测某一天火星城市何时出现，而是在提出一个更长期的问题：当人类文明逐渐超越地球，经济基础设施是否可以提前开始演进？

THE CORE QUESTION

当文明边界超越地球，经济基础设施是否可以提前开始演进？

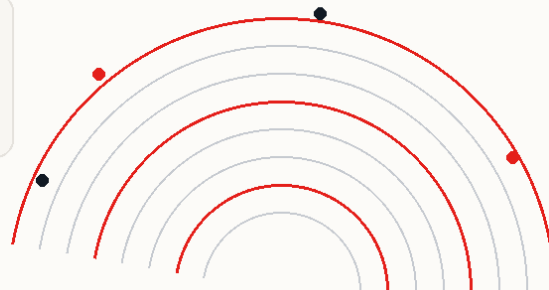
FROM INFRASTRUCTURE TO A NEW FRONTIER



Mars Economy = A New Economic Frontier

Mars 不只是一个目的地，更代表下一代文明与经济边界。

The Mars Economy is not defined by where humans live today. It is defined by how value can move tomorrow.





CHAPTER 01

WHY MARSERA

为什么是 MARSERA

From Earth Economy to Beyond-Earth Economy

Humanity has moved from energy to industry, from the internet to digital assets. The next economic frontier will extend beyond Earth. MARSERA proposes that before humans land on Mars at scale, an on-chain Mars economy should begin first.

A LARGER
HUMANITY
A BRIGHTER
TOMORROW

A BROADER ECONOMIC HORIZON FROM EARTH TO MARS.



THREE KEY REASONS WHY MARSERA, WHY NOW.

- 01



Next Frontier
下一个经济前沿

The next major economic narrative will not be limited to Earth.

下一个重大的经济叙事将不再局限于地球。
- 02



On-Chain Coordination
链上协同

Web3 enables transparent, programmable, and global coordination.

Web3 使透明、可编程和全球化的协同成为可能。
- 03



Early Infrastructure
早期基础设施

MARSERA focuses on building the economic infrastructure before the larger space economy matures.

MARSERA 致力于在更大的太空经济成熟之前，先行构建经济基础设施。

MARSERA is not waiting for the Mars economy to appear.
It starts building the on-chain foundation now.

MARSERA 不是在等待火星经济的出现，而是现在就开始构建链上的基础。



CHAPTER 01

WHY ON-CHAIN FIRST

为什么先从链上开始

MARSERA 选择 On-Chain First，并不是因为区块链能够替代现实世界，而是因为它已经提供了一套今天可以运行的经济基础工具。

ON-CHAIN CAPABILITIES

01 VERIFIABLE ASSETS

资产公开验证



02 PROGRAMMABLE RULES

智能合约执行规则



03 GLOBAL MARKETS

市场跨地域运行



04 TRACEABLE VALUE FLOW

价值流持续追踪



05 VERIFIABLE PROTOCOL STATE

协议状态独立验证



ON-CHAIN FIRST. ECOSYSTEM NEXT.

第一阶段建立链上经济核心，随后逐步扩展生态基础设施。

PHASE 01 · ON-CHAIN CORE

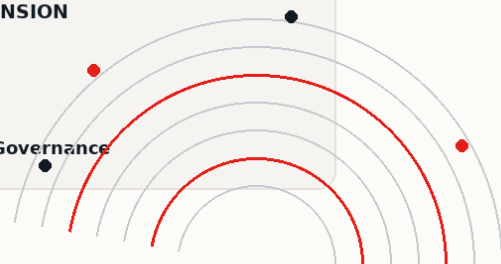
- MERA Economic Layer
- Space Vault Protocol
- Participation & Incentive Infrastructure

Blockchain is not the Mars civilization.

It can become part of its economic infrastructure.

NEXT · ECOSYSTEM EXPANSION

- MARSERA DEX
- MARSERA Launchpad
- Mars Network · Future Governance





CHAPTER 01

VISION & MISSION

愿景与使命

Building The Economy Beyond Earth

VISION

愿景

构建一个可以持续连接 Assets · Markets · Projects · Builders · Communities 的开放经济网络。

- Assets
- Markets
- Projects
- Builders
- Communities

An open economic infrastructure
for the next frontier of human coordination.

MISSION

使命

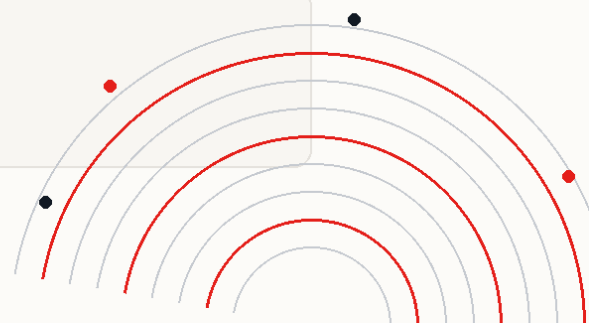
从今天已经能够运行的链上经济层开始，逐步建设 Mars Economy 所需要的核心基础设施。

- 01 MERA
- 02 Space Vault Protocol
- 03 MARSERA DEX
- 04 MARSERA Launchpad
- 05 Mars Network

Mars is the frontier.

Infrastructure is the beginning.

从经济层开始，逐步扩展为可持续承载新经济活动的开放网络。



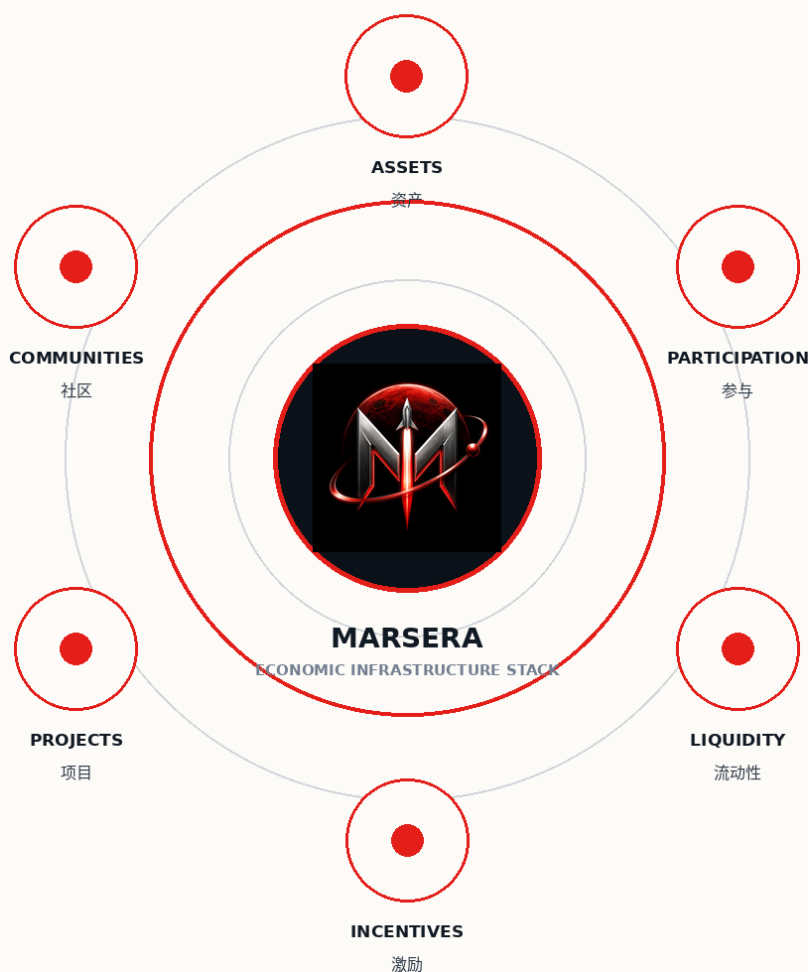


CHAPTER 02

WHAT IS MARSERA

MARSERA 是什么

MARSERA 是围绕 Mars Economy 构建的链上经济基础设施协议。它不是单一 Token，也不是单一 DeFi 产品，而是把资产、参与、流动性、激励、项目与社区连接进同一个可持续扩展的经济体系。



CORE MODULE ROLES

01 MERA 原生经济活动	02 SPACE VAULT 参与与资产路径	03 ACCOUNTING 价值记账与结算	04 DEX / LAUNCHPAD 市场与项目扩展	05 MARS NETWORK 社区、建设者与项目
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MARSERA is not a single product.
It is an economic infrastructure stack.



CHAPTER 07

MARSERA PROTOCOL STACK

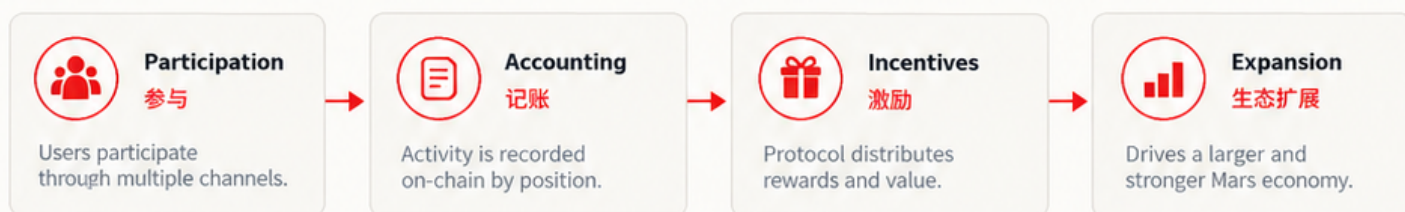
MARSERA 三层协议架构

The three-layer economic architecture

MARSERA adopts a modular three-layer protocol architecture, connecting economic assets, participation mechanisms, and incentive networks, to build a sustainable and self-evolving Mars economy.



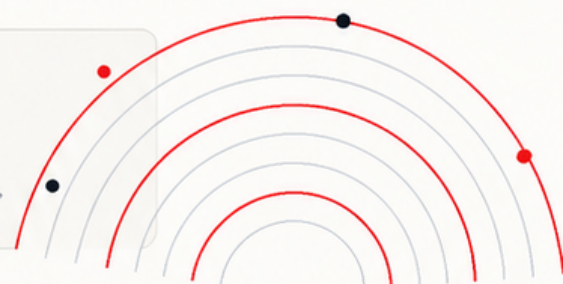
PROTOCOL FLOW



These three layers together form the initial MARSERA protocol architecture.

这三层共同构成 MARSERA 的初始协议架构。

Through the coordinated operation of economic assets, participation mechanisms, and incentive networks, MARSERA builds a sustainable, open, and self-evolving Mars economy.





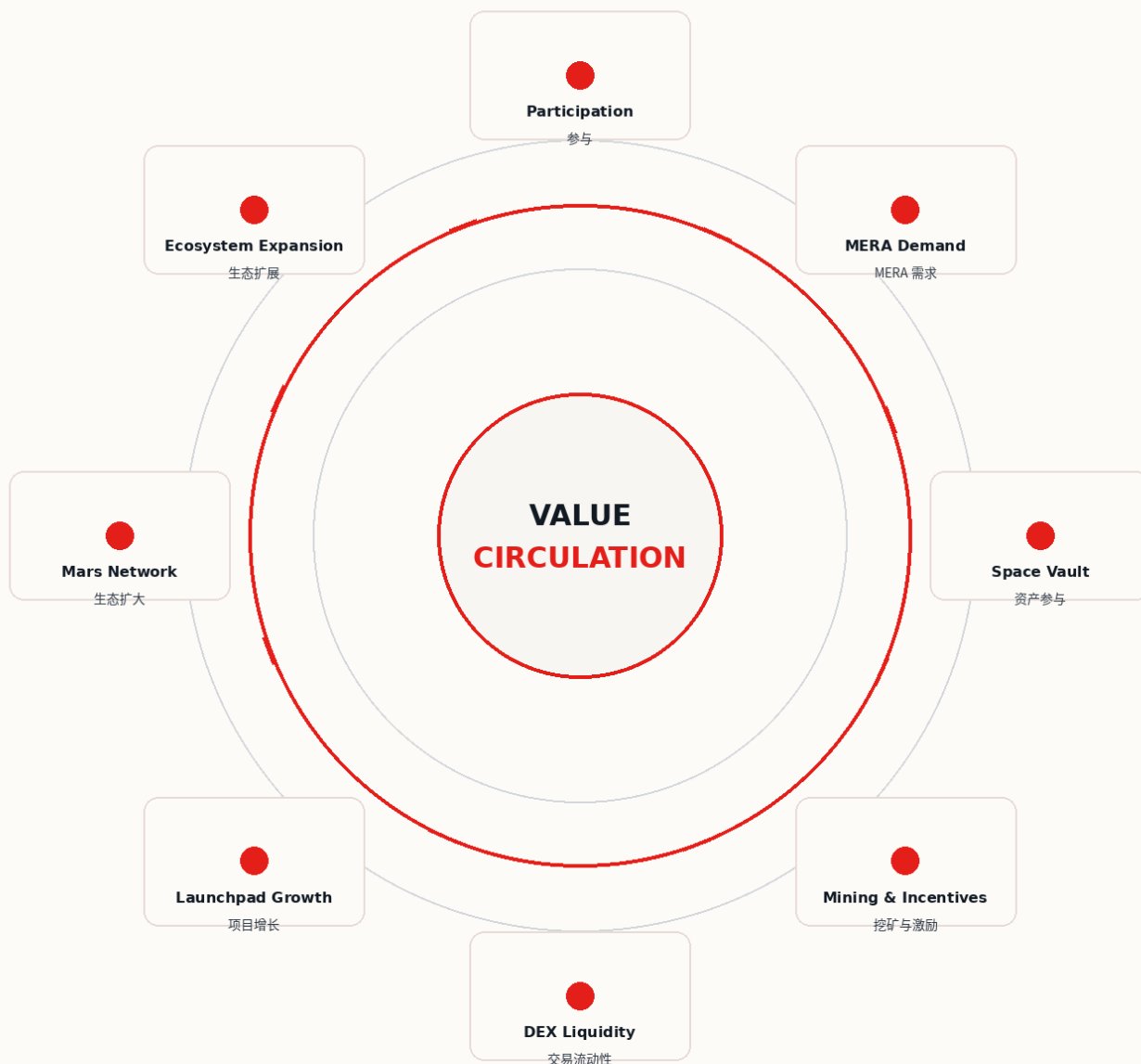
CHAPTER 02

MARS ECONOMY LOOP

Mars Economy 价值循环

MARSERA 的经济体系不是单方向的 Token 释放。不同协议模块通过价值流动形成一个持续扩展的闭环。

A CLOSED-LOOP ECONOMIC ARCHITECTURE



Value enters the protocol, circulates through the ecosystem, and returns to growth.

价值进入协议，在生态中循环，并最终回到增长。



CHAPTER 02

MARS ECONOMY IGNITION

Mars Economy 的启动路径

Mars Economy 不会在第一天拥有完整基础设施。MARSERA 采用分阶段的 Ignition Model，从可以真实运行的经济层开始，再逐步扩展基础设施与开放网络。

PHASE 01

IGNITION

经济启动

- MERA Initial Launch on Flap
- Liquidity Formation
- Space Vault Protocol
- Position & Accounting
- Mining & Incentive Engine

PHASE 02

EXPANSION

基础设施扩展

- MARSERA DEX
- MARSERA Launchpad
- Data Infrastructure
- Builder Ecosystem

PHASE 03

NETWORK

开放网络

- Mars Network
- Ecosystem Projects
- Mars Nodes
- Future DAO
- Cross-Chain Infrastructure

CLEAR DISTINCTION

MERA INITIAL LAUNCH

→ FLAP

原生资产的首次市场启动

FUTURE ECOSYSTEM PROJECTS

→ MARSERA LAUNCHPAD

未来生态项目的协议入口

MERA starts the economy.

Infrastructure expands its capabilities. The network expands its reach.

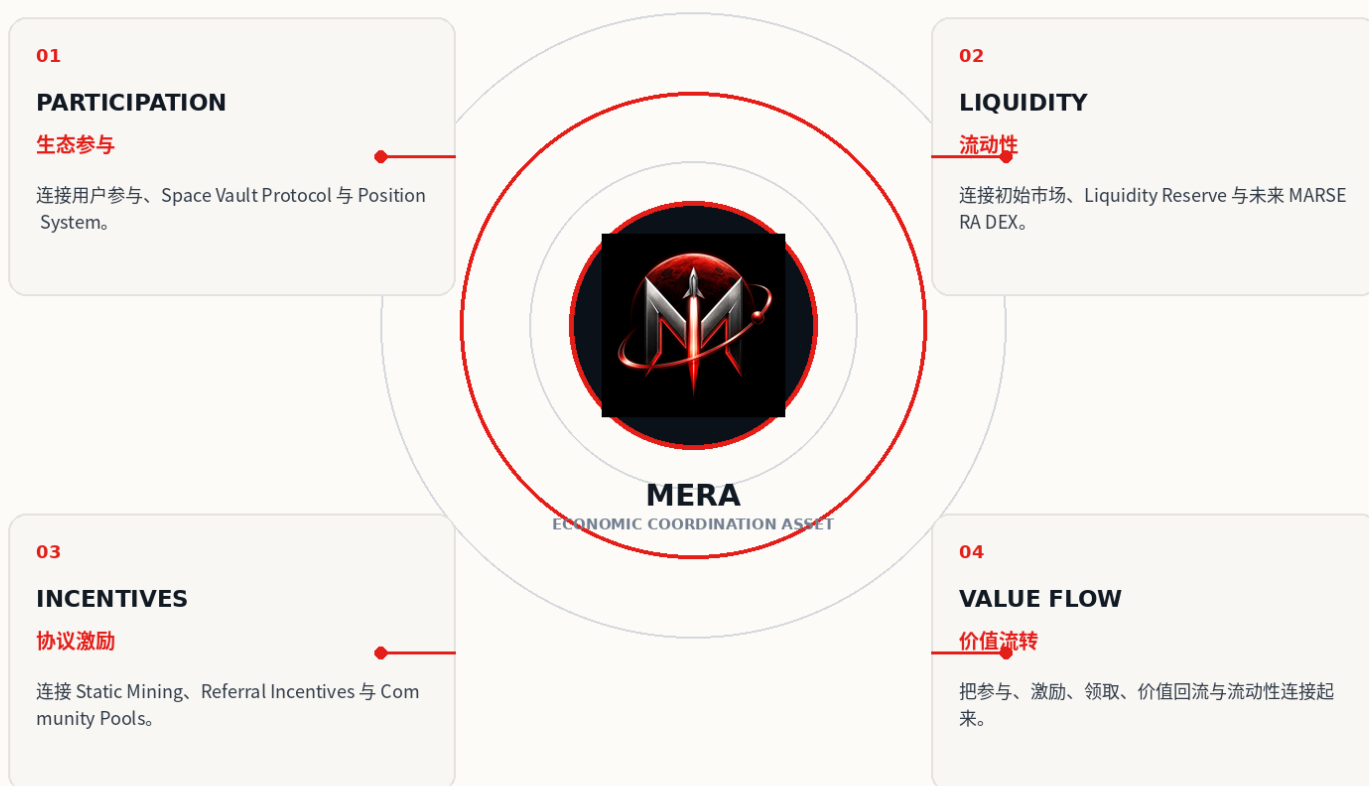


CHAPTER 03

NERA — THE NATIVE ECONOMIC ASSET

MARSERA 原生经济资产

MERA 是 MARSERA Protocol 的原生生态通证，用于连接协议中的核心经济活动。它不是 MARSERA 的全部，而是 Mars Economy 中最重要的经济协调资产。



MERA VALUE FLOW



MARSERA builds the infrastructure.
MERA coordinates the economy.



CHAPTER 02

MERA TOKEN ARCHITECTURE

MERA 通证架构

A clear three-part supply structure

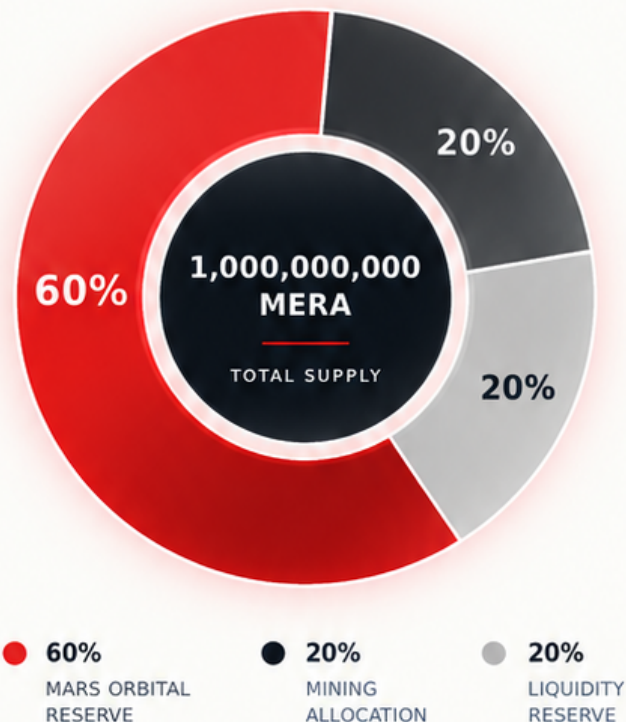
MERA adopts a simple and sustainable three-part supply structure, designed to support long-term ecosystem development, fair participation, and healthy market liquidity.

TOTAL SUPPLY

1,000,000,000

MERA

100% OF TOTAL SUPPLY



ALLOCATION DETAILS

01

MARS ORBITAL RESERVE
火星轨道储备

600,000,000

MERA



Strategic long-term reserve for ecosystem expansion.

用于生态长期发展与扩展的战略储备。

02

MINING ALLOCATION
挖矿释放配额

200,000,000

MERA



Released through protocol participation and incentive logic.

通过协议参与和激励机制逐步释放。

03

LIQUIDITY RESERVE
流动性储备

200,000,000

MERA



Supports market depth and ecosystem liquidity.

用于支持市场深度与生态流动性。

MARSERA replaces the burn narrative with long-term orbital reserve logic.

MARSERA 用长期的轨道储备逻辑，取代了通缩销毁的叙事。



CHAPTER 03

MARS ORBITAL RESERVE

火星轨道储备

Mars Orbital Reserve 占 MERA 总供应量的 60%，即 600,000,000 MERA。它被定义为 MARSERA 的长期协议战略储备，服务于未来生态扩展与基础设施发展，而不是初始阶段的普通自由流通配置。

600,000,000

MERA

60% OF TOTAL SUPPLY



RESERVE PRINCIPLES

01

LONG-TERM RESERVE

长期储备

面向协议未来阶段使用，不作为初始市场普通自由流通配置。

02

ECOSYSTEM EXPANSION

生态扩展

为未来基础设施、生态合作与长期网络发展保留战略空间。

03

STRATEGIC FLEXIBILITY

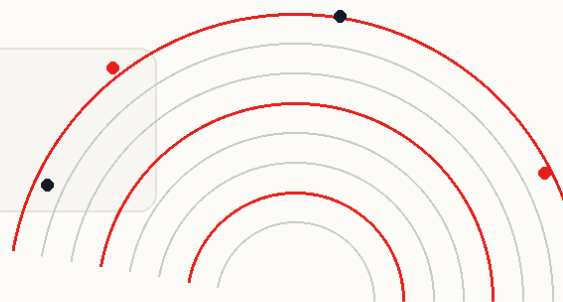
战略灵活性

保留协议在未来发展阶段进行资源协调与生态扩展的能力。

Not burned. Not ordinary circulation.

A strategic reserve for long-term Mars Economy expansion.

不销毁，不作为初始普通流通；用于长期生态扩展。





CHAPTER 03

MINING & LIQUIDITY ALLOCATION

挖矿释放与流动性储备

除 Mars Orbital Reserve 外，MERA 还有两项明确的经济配置：20% 用于 Mining Allocation，20% 用于 Liquidity Reserve。两者共同服务于协议参与、激励机制与市场流动性。

MINING ALLOCATION

挖矿释放

200M 20%

用于支持当前阶段的协议参与、网络贡献与激励体系。

- Static Mining
- Referral Incentives
- Community Pools

LIQUIDITY RESERVE

流动性储备

200M 20%

专用于初始市场、MARSERA DEX 与未来生态流动性支持。

- Initial Market
- DEX Liquidity
- Future Ecosystem Liquidity

MERA TRADING TAX

统一买卖交易税：3%

3% BUY / SELL TRADING TAX

该资源可用于项目运营、市场推广、品牌建设、生态发展，以及对表现突出的社区与团队进行激励。

OPERATIONS

项目运营

MARKETING

市场推广

BRAND

品牌建设

ECOSYSTEM

生态发展

COMMUNITY

社区激励





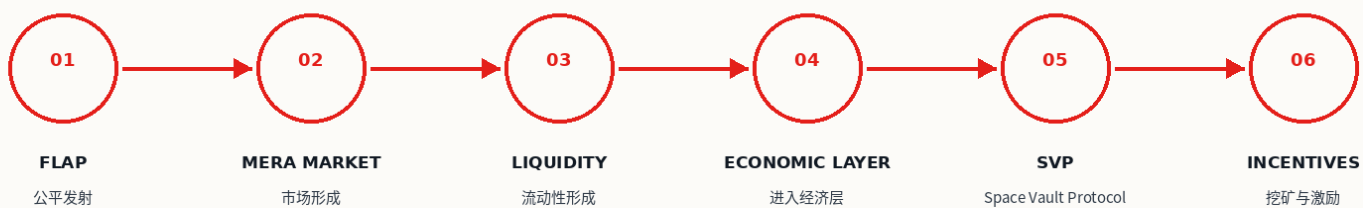
CHAPTER 03

NERA INITIAL LAUNCH ON FLAP

NERA 首次发行路径

NERA 的首次市场启动将通过 BNB Chain 上的 Flap 完成。Flap 负责 NERA 的初始公平发射与市场形成；MARSERA Launchpad 则用于未来生态项目的协议入口，两者角色明确区分。

MARS ECONOMY IGNITION PATH



ROLE DISTINCTION

MERA INITIAL LAUNCH

→ FLAP

作用：NERA 首次市场启动

负责初始公平发射、市场形成与启动流动性。

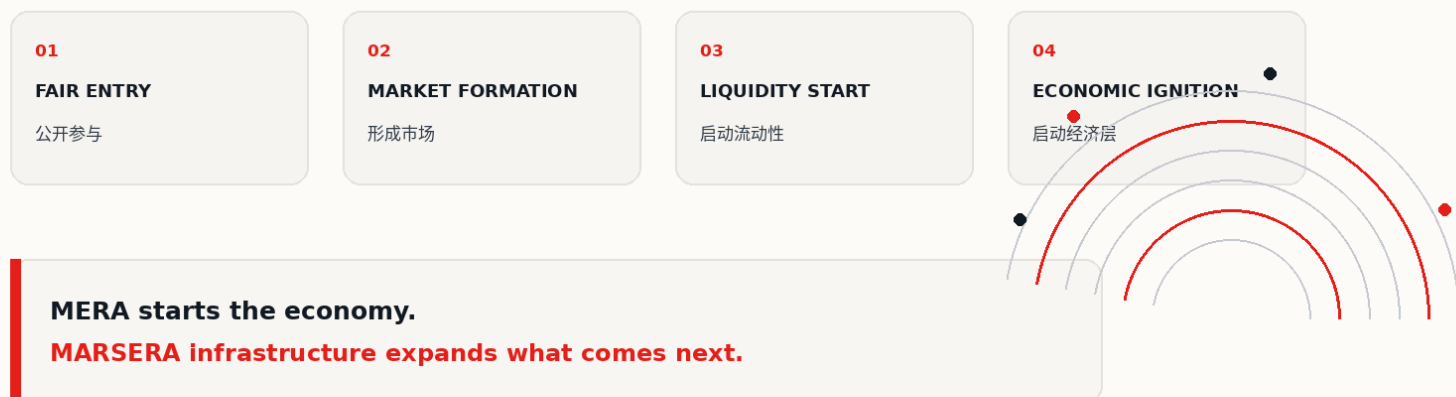
FUTURE ECOSYSTEM PROJECTS

→ MARSERA LAUNCHPAD

作用：未来生态项目入口

面向未来项目的协议接入、发行、流动性连接与生态增长。

LAUNCH PRINCIPLES



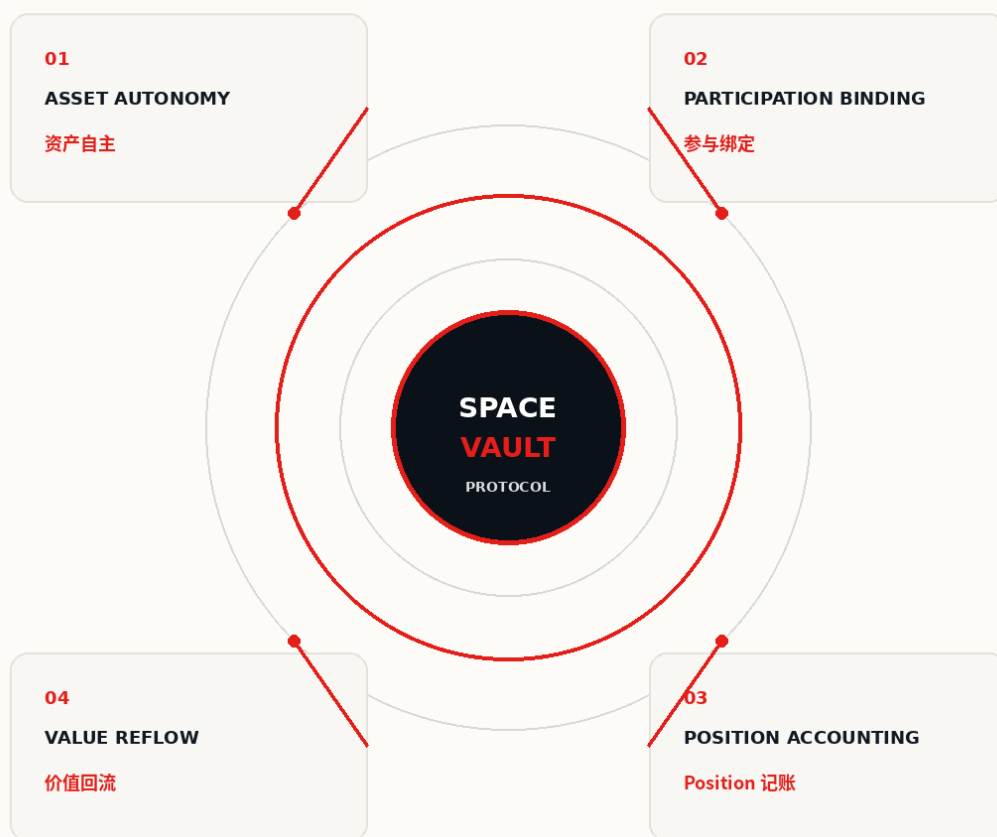


CHAPTER 03

SPACE VAULT PROTOCOL

链上参与与价值路由协议

Space Vault Protocol (SVP) 是 MARSERA 的核心参与基础设施。它不是保险或本金承诺，而是把用户参与、Position、价值记账与后续 Value Reflow 连接起来的链上协议机制。



SVP CORE PRINCIPLES



Participation creates structure.

Space Vault turns participation into a traceable economic path.



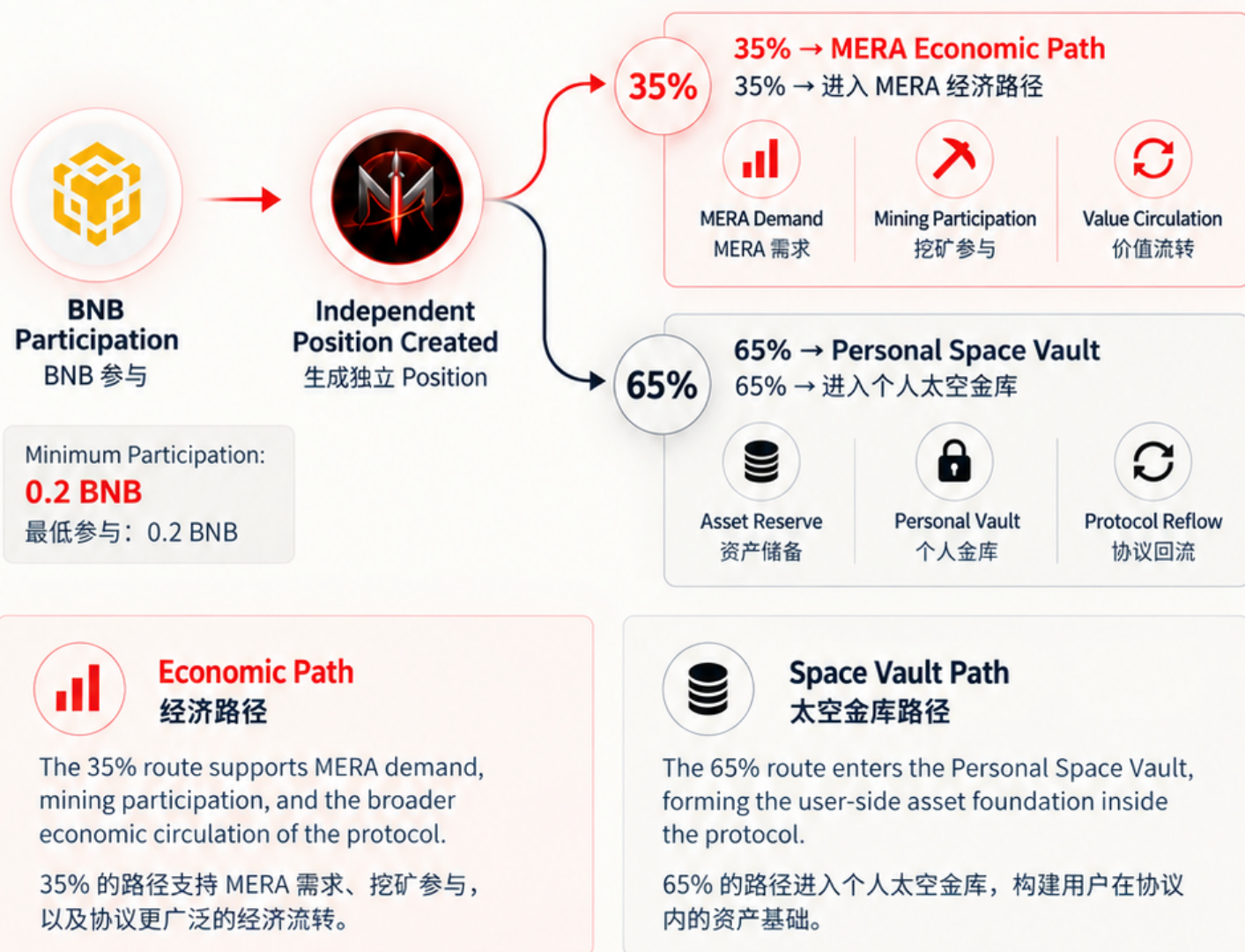
CHAPTER 03

PARTICIPATION **ASSET FLOW**

From BNB Participation to the MERA Economic Path 从 BNB 参与到 MERA 经济路径

Each participation enters the protocol as an independent position. The participation amount is automatically routed on-chain into two coordinated paths that support the MARSERA economic system.

每一次参与都作为一个独立的 Position 进入协议。参与金额会在链上自动分流至两条协同路径，共同支持 MARSERA 经济体系的运行。



One Participation. Two Coordinated Paths. One Stronger Mars Economy.

一次参与，两条协同路径，共同构建更强的火星经济体系。



CHAPTER 04

POSITION SYSTEM

每一次参与，一个独立 Position

Position 是 MARSERA 最基础的参与与记账单元。每一次参与都会建立一个新的 Position；即使同一个 Wallet 多次参与，不同 Position 仍保持相互独立。

ONE WALLET · MULTIPLE INDEPENDENT POSITIONS



ECONOMIC STATE VS NETWORK IDENTITY

POSITION LEVEL

经济状态属于 Position

- Static Reward
- Space Vault
- 1.7X Cap
- Redemption
- Completion

WALLET LEVEL

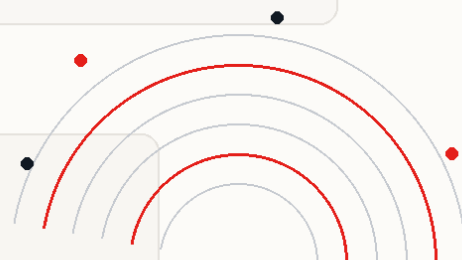
网络身份属于 Wallet

- Referral Network
- Active BNB
- Qualified Directs
- Team Performance
- Community Level

Economic accounting belongs to Positions.

Network identity belongs to Wallets.

经济记账属于 Position，网络身份属于 Wallet。





CHAPTER 04

POSITION LIFECYCLE

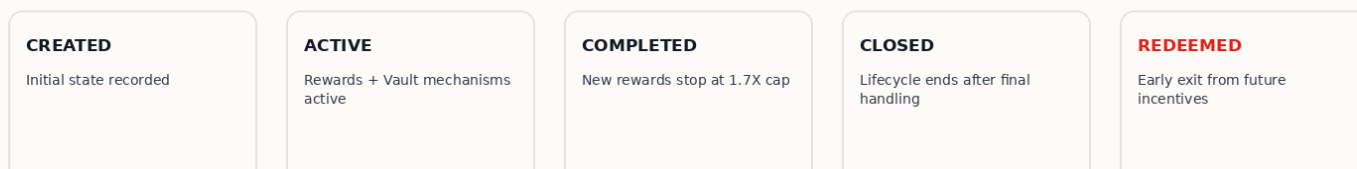
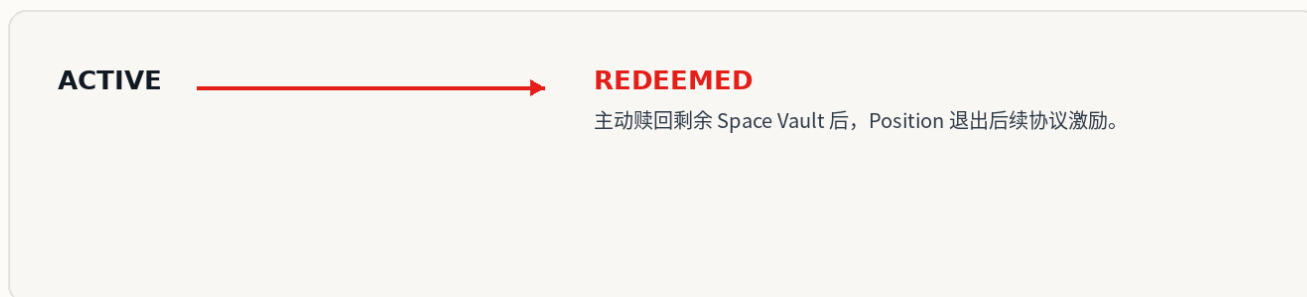
每一个 Position 都有明确生命周期

每个 Position 都按照明确的生命周期运行。正常路径从 Created 开始，进入 Active；达到 1.7X Cap 后进入 Completed；在已结算奖励和剩余 Vault 状态完成处理后进入 Closed。Active 阶段也可以主动赎回。

NORMAL LIFECYCLE



EARLY EXIT PATH



Every Position has a beginning, an active state,
and a defined end.



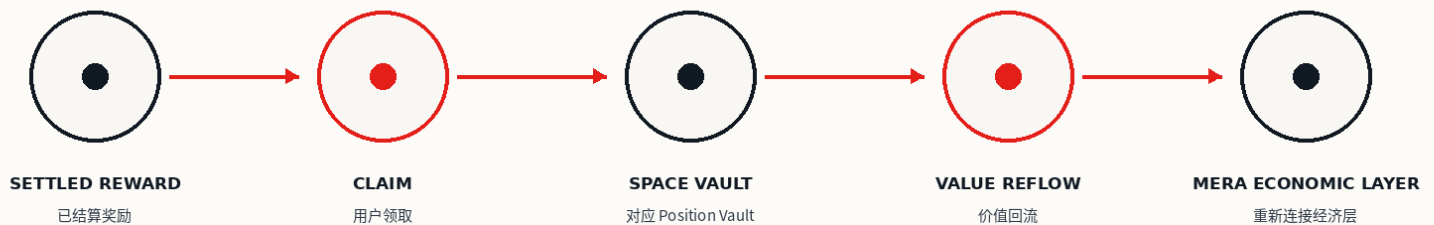
CHAPTER 04

VALUE REFLOW MECHANISM

将奖励领取重新连接 MERA Economic Layer

Value Reflow 是 Space Vault Protocol 的核心经济机制之一。当用户 Claim 某个 Position 已完成 Settlement 的奖励时，对应 Position 的 Space Vault 会按照该奖励的 U Accounting Value 触发相应的价值回流。

ONE POSITION → ONE VAULT → ONE REFLOW PATH



POSITION-LEVEL ISOLATION

POSITION A

Claim A → Vault A → Reflow A

Position A 的 Claim 只对应 Position A 的 Space Vault，不与其他 Position 混合。

POSITION B

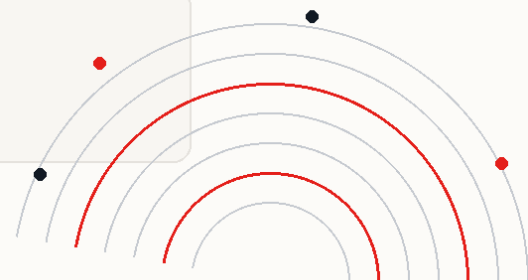
Claim B → Vault B → Reflow B

不同 Position 的 Vault、Claim 与 Reflow Path 维持独立。

Claim is not a terminal event.

It becomes another point of economic circulation.

Reward → Claim → Reflow → MERA Economic Layer





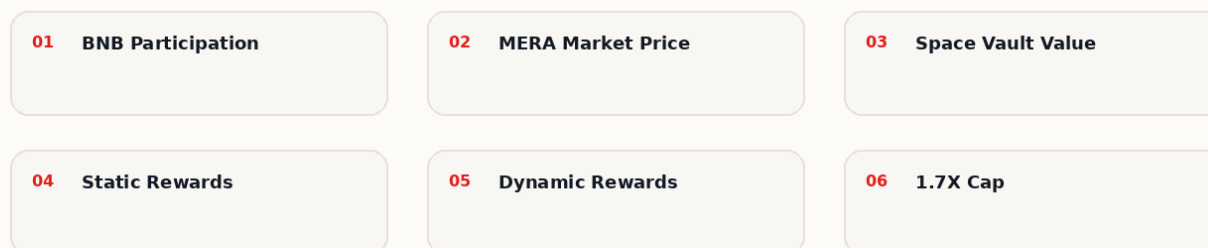
CHAPTER 05

PROTOCOL ACCOUNTING LAYER

统一价值框架

MARSERA 中同时存在 BNB Participation、MERA Market Price、Space Vault Value、Static Rewards、Dynamic Rewards 与 1.7X Participation Cap。为了让不同资产与不同时间点能够统一比较，协议引入统一记账层。

MULTIPLE ECONOMIC STATES → ONE ACCOUNTING FRAMEWORK



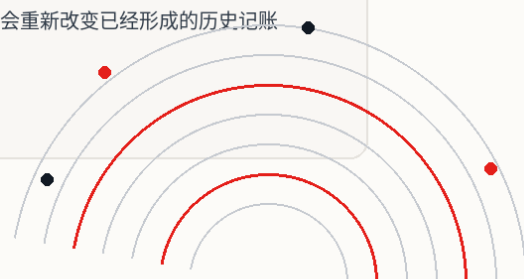
CORE PRINCIPLES

VALUE FIRST.
TOKEN AMOUNT SECOND.

先确定协议价值，再确定对应 Token 数量。

PRICE AFFECTS CONVERSION.
IT DOES NOT REWRITE HISTORY.

价格影响当前换算，但不会重新改变已经形成的历史记账。





CHAPTER 05

U-EQUIVALENT ACCOUNTING

统一价值记账单位

MARSERA 使用 U 作为协议内部的 USD-Equivalent Accounting Unit。U 不是 Token，不存在发行、交易或转账功能；它只是为不同资产和不同时间点建立统一的价值语言。

U

USD-EQUIVALENT
ACCOUNTING UNIT

不是 Token

仅作为协议价值记账单位

POSITION INITIAL U VALUE

Initial U Value = BNB Amount × BNB Reference Price

Example

$$1 \text{ BNB} \times 1,000 \text{ U / BNB} = 1,000 \text{ U Initial Value}$$

INITIAL U VALUE IS FIXED AND USED FOR

01

STATIC REWARD BASE

静态奖励基础

02

1.7X CAP

最大结算额度

03

TEAM PERFORMANCE

团队业绩

04

COMMUNITY
QUALIFICATION

社区等级资格

U IS

- A unit of account
- A common value language
- Fixed Initial U per Position

U IS NOT

- A token
- A tradable asset
- A transferable balance

U is not an asset.

U is a unit of account.



CHAPTER 05

PRICE REFERENCE FRAMEWORK

面向协议结算的价格参考体系

MARSERA 的 Accounting Layer 需要可靠的价格参考。协议不依赖单一前端报价，也不直接使用容易受到短时波动影响的单笔成交价格。

BNB REFERENCE PRICE

Used for

- Position Creation
- U Accounting
- Value Reflow

方向采用成熟、可验证的外部 BNB / USD 数据基础设施。

MERA REFERENCE PRICE

MERA / WBNB

×

BNB / U

= MERA / U

REFERENCE STABILITY

TWAP · TIME-WEIGHTED AVERAGE PRICE

MERA 市场价格参考可结合 TWAP，以降低单笔交易或单区块异常价格对协议结算的影响。

STALE PRICE

Staleness Protection

过期价格保护

LIQUIDITY

Liquidity Validation

流动性验证

DEVIATION

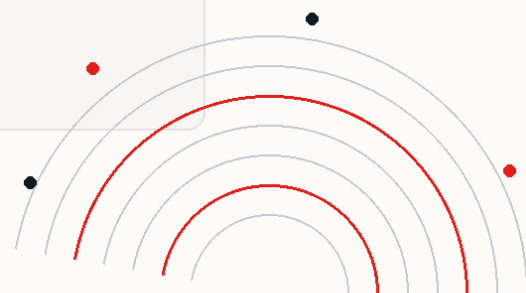
Deviation Protection

偏差保护

Reference pricing supports accounting integrity.

It does not guarantee asset value.

价格参考服务于协议记账完整性，并不保证资产价值。





CHAPTER 05

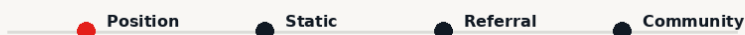
EPOCH SETTLEMENT ENGINE

结算不等于领取

MARSERA 将 Reward Formation 和 Reward Claim 明确分离。协议按照统一 24 小时 Epoch 对 Position、Static、Referral、Community 等状态进行周期性计算。

1 EPOCH = 24 HOURS

统一协议结算周期



SETTLEMENT

奖励正式固定

Settlement 表示某一笔奖励已经完成协议计算并正式固定。

PROTOCOL RECORDS

- Reward Value in U
- MERA Amount
- Settlement Epoch
- Destination Position

CLAIM

用户实际领取

Claim 是用户实际领取已经完成 Settlement 的奖励。

CLAIM HAPPENS AFTER

REWARD SETTLEMENT

Settlement fixes the reward.

Claim completes the transfer.

SETTLEMENT TIMELINE



奖励在 Settlement 时计入 Position 的 1.7X Cap，而不是 Claim 时。

The protocol settles value first.

Users decide when to claim it.



CHAPTER 05

WALLET QUALIFICATION

钱包资格与网络身份

Qualification is measured at the wallet level

Wallet qualification exists at the wallet level rather than the single-position level.
It reflects the network identity of the participant across active positions.

WALLET AND ACTIVE POSITIONS



TWO PATHS TO QUALIFICATION

A QUALIFIED DIRECT INVITES 有效直推

The number of qualified direct invites determines the available generations, up to 10.

Qualified Direct Invites	Available Generations
1	1
2	2
3	3
⋮	⋮
10	10

B ACTIVE PARTICIPATION BNB 活跃参与 BNB

Aggregated Active Participation BNB determines the available generations, up to 10.

Active Participation BNB (≥)	Available Generations
0.2 BNB	1
0.4 BNB	2
0.6 BNB	3
⋮	⋮
2.0 BNB	10



IMPORTANT RULE

Effective referral depth = the higher of Path A and Path B, capped at 10.

有效推荐深度 = 直推路径与 BNB 路径中的较高值，最高为 10。



WALLET QUALIFICATION ENABLES

Wallet qualification supports referral depth, community qualification, and network-level incentive routing.

钱包资格支持推荐深度、社区资格以及网络层级的激励分配。



CHAPTER 06

STATIC MINING & 1.7X CAP

Position 原生激励与最大结算额度

Static Mining 是 MARSERA 最基础的 Position-Level Incentive。当前标准为 2.5% / Epoch，计算基础为 Position Initial U Value。每个 Position 同时拥有独立的 1.7X 最大累计 Settlement。

2.5% / EPOCH

STATIC RATE

静态标准

INITIAL U

CALCULATION BASE

计算基础

1.7X

MAX SETTLEMENT

最大结算额度

STATIC EXAMPLE

Initial U Value

1,000 U

× 2.5% =

25 U / Epoch

对应 MERA 数量按照当期有效 MERA Reference Price 完成 Settlement。

1.7X PARTICIPATION CAP

Maximum Settlement = Initial U Value × 1.7



0 U



1,000 U



1,700 U MAX

COUNTS TOWARD THE SAME POSITION CAP

01

STATIC

静态

02

REFERRAL

推荐

03

COMMUNITY

社区

1.7X defines a maximum, not a guaranteed outcome.

1.7X 是协议最大结算额度，并不代表保证结果。



CHAPTER 06

REFERRAL NETWORK

双路径 · 最高 10 代推荐网络

MARSERA Referral Network 用于连接生态扩展与网络贡献。正常参与 Wallet 在首次创建 Position 前建立有效邀请关系；推荐深度可通过 Qualified Directs 或 Active Participation 两条路径解锁。

PATH A

QUALIFIED DIRECTS

有效直推

- 1 direct → 1 gen
- 2 directs → 2 gen
- ...
- 10 directs → 10 gen

PATH B

ACTIVE PARTICIPATION

活跃参与

- 0.2 BNB → 1 gen
- 0.4 BNB → 2 gen
- ...
- 2.0 BNB → 10 gen

EFFECTIVE REFERRAL DEPTH = MAX(PATH A, PATH B) · UP TO 10

最终有效代数取两条路径中较高的一项，最高 10 代。

REFERRAL REWARD

EACH ELIGIBLE GENERATION

2% OF THAT GENERATION'S STATIC REWARD

Example

Generation Static = 100 U

Referral Reward = 2 U

UP TO TEN GENERATIONS

G1	G2	G3	G4	G5	G6	G7	G8	G9	G10
2%	2%	2%	2%	2%	2%	2%	2%	2%	2%



CHAPTER 06

COMMUNITY CONTRIBUTION POOLS

8 级 · 8 个社区贡献池

当网络扩展为大型社区，MARSERA 使用 Community Contribution Pools 衡量分布式社区建设贡献。等级依据 Small-Team Performance，而不是单一最大分支。

SMALL-TEAM PERFORMANCE

Total Team Effective Performance – Largest Branch Performance

小区有效业绩 = 总团队有效业绩 – 最大单区业绩

COMMUNITY LEVELS

L1

3,000 U

Small-Team Performance

L2

10,000 U

Small-Team Performance

L3

30,000 U

Small-Team Performance

L4

100,000 U

Small-Team Performance

L5

200,000 U

Small-Team Performance

L6

500,000 U

Small-Team Performance

L7

1,000,000 U

Small-Team Performance

L8

2,000,000 U

Small-Team Performance

EACH COMMUNITY POOL

4% OF TOTAL STATIC REWARDS

高等级参与自身等级以及所有低等级 Pool；同一 Pool 内符合资格的 Wallet 共同分享。

HIGHER LEVEL → MORE POOLS ACCESSIBLE



Community strength is measured by distributed contribution, not by a single dominant branch.



CHAPTER 06

REWARD ROUTING

从 Wallet-Level Reward 到 Position Settlement

MARSERA 将经济状态分为 Position Level 与 Wallet Level。Static Reward 直接属于具体 Position；Referral 与 Community Rewards 首先在 Wallet Level 形成，再按照规则路由到仍然有效的 Active Position 完成 Settlement。

POSITION LEVEL

- Static Reward
- Space Vault
- 1.7X Cap
- Lifecycle

WALLET LEVEL

- Referral
- Community Level
- Team Performance

FIFO REWARD ROUTING

First In, First Out — dynamic rewards are routed to the earliest eligible Active Position.

POSITION 01

ACTIVE
FIRST ROUTING TARGET

POSITION 02

ACTIVE

POSITION 03

COMPLETED

SETTLEMENT PRIORITY

01 STATIC

02 REFERRAL

03 COMMUNITY

END-TO-END FLOW

Participation

Position

Reward Calculation

Reward Routing

Settlement

Claim

Value Reflow

All final rewards remain subject to the corresponding Position's 1.7X Cap.



CHAPTER 07

MARSERA ECOSYSTEM INFRASTRUCTURE

从原生经济层走向开放生态

MERA、Space Vault Protocol 与 Protocol Incentive Engine 构成 MARSERA 第一阶段的经济基础。随着原生经济层逐步运行，生态将继续扩展三类核心基础设施：DEX、Launchpad 与 Mars Network。

01

MARSERA DEX

Native Liquidity Layer

原生流动性层

- Asset Exchange
- Liquidity Provision
- Price Discovery
- Self-Custody Markets
- Ecosystem Market Access

02

MARSERA LAUNCHPAD

Project Entry Infrastructure

生态项目入口

- Project Admission
- On-Chain Launch
- Liquidity Connection
- DEX Integration
- Builder Support

03

MARS NETWORK

Global Coordination Layer

全球生态协作层

- Communities
- Builders
- Projects
- Contributors
- Future Governance

WHERE ASSETS TRADE.

DEX

HOW PROJECTS ENTER.

LAUNCHPAD

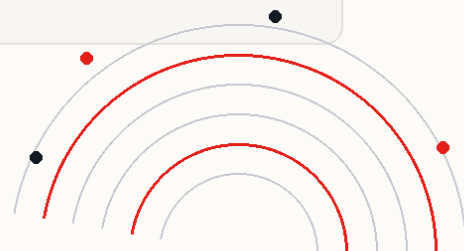
HOW ECOSYSTEMS COORDINATE.

MARS NETWORK

Flap ignites MERA.

MARSERA Launchpad expands the ecosystem.

Launchpad brings projects in. DEX gives them a market. Mars Network helps them grow.





CHAPTER 07

TECHNOLOGY, TRANSPARENCY & SECURITY

以可验证性为基础的协议架构

MARSERA 的长期方向，是让越来越多关键协议状态能够被独立验证。整个技术体系围绕 Execution、Verification 与 Risk Isolation 三个目标展开。

01

EXECUTION

协议执行

02

VERIFICATION

独立验证

03

RISK ISOLATION

风险隔离

SMART CONTRACT EXECUTION

Position State · Reward Accounting · Participation Cap ·
Referral Logic · Community Qualification · Settlement · Space
Vault Logic

MODULAR ARCHITECTURE

Participation · Accounting · Reward · Referral · Community ·
Price Reference · Liquidity

Auditability · Testability · Permission Isolation · Future Expansion

PRICE INTEGRITY

External Oracle · TWAP · Liquidity Validation · Deviation
Protection

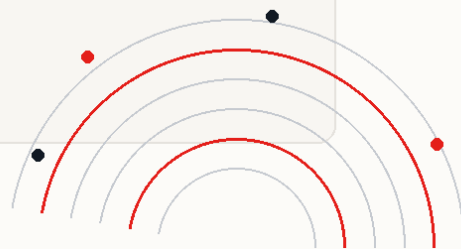
ON-CHAIN TRANSPARENCY

MERA Supply · Reserve Addresses · Position State · Reward
Settlement · Liquidity · Contract Balances

SECURITY IS A CONTINUOUS ENGINEERING PROCESS.

安全不是一次性的宣传标签，而是持续的工程过程。

Frontend explains the protocol. Blockchain verifies the protocol.





CHAPTER 07

RISK FRAMEWORK

理解协议，也理解风险边界

MARSERA 涉及数字资产、智能合约、市场流动性与第三方区块链基础设施，因此任何参与行为都存在风险。以下风险提示用于帮助参与者理解协议边界，不构成收益承诺。

01 MARKET RISK

市场风险

MERA、BNB 与未来生态资产可能出现显著价格波动。

02 SMART CONTRACT RISK

智能合约风险

智能合约可能存在漏洞、逻辑错误或未知攻击风险。

03 LIQUIDITY RISK

流动性风险

市场深度可能变化，大额交易可能产生滑点与价格冲击。

04 ORACLE & PRICING RISK

Oracle 与定价风险

价格源可能出现延迟、异常或中断。

05 THIRD-PARTY RISK

第三方基础设施风险

BNB Chain、Wallet、RPC、Flap、DEX、Oracle、Bridge 等不完全由 MARSERA 控制。

06 PARTICIPATION RISK

协议参与风险

2.5%、Up to 3.8% 与 1.7X 均属于协议机制参数，并非保证结果。

THE PROTOCOL DOES NOT REPRESENT:

Guaranteed Return · Principal Protection · Risk-Free Yield

Space Vault Protocol 也不是银行存款或保险产品。

Understanding the protocol includes understanding its risks.



CHAPTER 08

ROADMAP & THE OPEN MARS ECONOMY

从经济启动走向开放 Mars Economy

MARSERA 的 Roadmap 不以短期营销节点为核心，而以 Infrastructure Evolution 作为长期发展主线。

INFRASTRUCTURE EVOLUTION



PHASE I

ECONOMIC IGNITION

经济启动

- MERA Initial Launch
- Initial Liquidity
- Space Vault Protocol
- Position System
- Protocol Accounting
- Mining & Incentive Engine



PHASE II

PROTOCOL EXPANSION

协议扩展

- MARSERA DEX
- Protocol Data Infrastructure
- Price Reference Improvements
- Analytics
- Security & Audit Infrastructure



PHASE III

ECOSYSTEM EXPANSION

生态扩展

- MARSERA Launchpad
- Builder Program
- Ecosystem Projects
- Expanded Liquidity Markets
- Mars Nodes



PHASE IV

MARS NETWORK

全球协作网络

- Global Communities
- Builder Coordination
- Project Coordination
- Open Ecosystem Interfaces



PHASE V

GOVERNANCE EVOLUTION

治理演进

- Core Development
- Transparent Coordination
- Community Participation
- Governance Expansion
- Future DAO

Mars is the frontier. **MERA ignites the economy.**

MARSERA builds the infrastructure. The network expands beyond Earth.

BUILDING THE ECONOMY BEYOND EARTH.