

UTILITY TOKEN & ECOSYSTEM WHITEPAPER

HUMAN 589 COIN

H 5 8 9

ON THE XRP LEDGER

XRPL • HUMAN589.world • Community • Remembrance • Creation

GENESIS COMMUNITY DISTRIBUTION — SEPTEMBER 8, 2026

Version 1.0 Draft — July 2026

HUMAN589.WORLD

IMPORTANT NOTICE AND DISCLAIMER

DRAFT FOR TECHNICAL AND LEGAL REVIEW

This document describes the present vision, intended utility, allocation framework, and phased development plans for H589 and HUMAN589.world. It is not an offer to sell securities, a promise of profit, financial advice, or a guarantee that every planned feature will be completed.

H589 is designed as an XRPL-issued utility token for access, participation, digital commerce, rewards, and interactive experiences within the HUMAN_589 ecosystem. References to future applications, staking, governance, emissions, discounts, integrations, burns, rewards, marketplaces, or immersive environments describe intended functionality that may be revised, delayed, limited, or discontinued based on technical feasibility, security, legal requirements, platform support, community needs, and available resources.

Digital assets involve substantial risks, including price volatility, loss of access, smart-contract or application defects, ledger or wallet integration failures, cybersecurity incidents, regulatory changes, liquidity limitations, and the possibility that planned utility may not develop as expected. No reader should acquire or use H589 with an expectation of profit or rely on this whitepaper as legal, tax, accounting, or investment advice.

The final public release should be reviewed by qualified legal and tax counsel. Ledger addresses, transaction hashes, allocation wallets, vesting arrangements, snapshot rules, and distribution procedures should be independently verified before any Mainnet distribution.

All dates and roadmap items are targets rather than guarantees. The project may publish updated versions of this whitepaper as the ecosystem develops.

1. EXECUTIVE SUMMARY

HUMAN 589 Coin (H589) is a fixed-supply utility token issued on the XRP Ledger and designed to become the preferred native asset of the HUMAN_589 ecosystem. H589 connects digital ownership, community participation, creator tools, collector experiences, marketplace activity, memorial applications, rewards, and the evolving HUMAN589.world immersive environment.

The project is built around a simple principle: digital assets should carry meaning beyond speculation. HUMAN_589 combines remembrance, artistic creation, faith, education, community, and verifiable ownership. H589 is intended to support this mission by giving users a consistent way to access experiences, purchase digital products, participate in reward systems, interact with ecosystem applications, and contribute to the long-term development of the world.

CORE DESIGN

A permanently fixed maximum supply of 589,000,000 H589; a community-centered allocation; a 5% Genesis Community Distribution on September 8, 2026; ongoing holder and activity rewards; transparent XRPL ownership; and phased utility across HUMAN589.world.

The ecosystem is planned as a modular platform. Applications may launch independently as they become technically and operationally ready. This allows the project to preserve an ambitious long-term vision without representing every concept as an immediate or guaranteed deliverable.

2. MISSION, VALUES, AND PURPOSE

2.1 MISSION

The mission of HUMAN_589 is to build a meaningful digital ecosystem that honors memory, protects human dignity, supports victims and children, celebrates creativity, and gives collectors an active role in shaping a living world.

2.2 FOUNDATIONAL VALUES

- ♦ **Remembrance.** Use digital permanence to preserve stories, memorials, tributes, and acts of compassion.
- ♦ **Human dignity.** Design experiences that respect victims, children, families, creators, and community members.
- ♦ **Faith and reflection.** Provide spaces for prayer, Scripture, learning, and thoughtful participation.
- ♦ **Creative ownership.** Let holders collect, display, remix, plant, place, and interact with verifiable digital assets.
- ♦ **Transparency.** Make supply, allocation, burns, distributions, and project-controlled wallets understandable and auditable.
- ♦ **Long-term building.** Prioritize sustainable infrastructure and staged delivery over short-term hype.

2.3 WHAT H589 IS INTENDED TO BE

H589 is intended to function as a utility and participation asset. It is not designed to represent equity, ownership in a company, a claim on project revenue, debt, or a guaranteed right to financial return. Utility may expand as products launch, but use of the token should remain connected to access, commerce, participation, and community experiences.

3. THE HUMAN_589 ECOSYSTEM

The HUMAN_589 ecosystem consists of interconnected NFT collections, community partners, marketplaces, wallet-enabled applications, reward programs, and immersive experiences. The system is designed so that each component strengthens the others.

ECOSYSTEM LAYER	PURPOSE
H589	Preferred native utility token for ecosystem access, payments, participation, and rewards.
HUMAN589.world	Immersive hub containing memorial, creative, faith-based, marketplace, auction, social, and member experiences.
H589 Ecosystem Marketplace	Marketplace for land parcels, memorial assets, Archive Remix assets, collectibles, and selected partner products.
HUMAN_589 Archives	Generative NFT collection whose rarity, attributes, history, and holder participation form a core utility layer.
Archive Remix Collection	Separate holder-created collection generated from original Archives without modifying original NFTs.
Partner Ecosystems	Selected integrations with NFT Riddler, RCN, BASGB, GitArt, 589+1, and future collaborators.
Xaman and XRPL	Wallet authentication, trustlines, payments, NFT ownership, offers, transfers, and verifiable transaction history.

3.1 MARKETPLACE-TO-WALLET-TO-WORLD LOOP

1. Connect a wallet through Xaman.
2. Establish or verify the H589 trustline.
3. Purchase an eligible NFT or digital asset through the ecosystem marketplace.
4. Receive the asset in the connected XRPL wallet.
5. Enter the relevant HUMAN589.world application.
6. Claim, plant, place, release, display, remix, or use the asset.
7. Verify ownership, payments, burns, and distributions through XRPL records.

4. H589 TOKEN SPECIFICATIONS

CATEGORY	SPECIFICATION
Name	HUMAN 589 Coin
Symbol	H589
Blockchain	XRP Ledger
Token Type	XRPL-issued trust line utility token
Maximum Supply	589,000,000 H589
Supply Model	Permanently fixed following completed issuance and issuer blackholing
Additional Minting	None after issuer blackholing
Intended Transfer Fee	0%
Official Website	https://human589.world
Genesis Distribution Date	September 8, 2026

The project should publish the issuer address, currency code, blackhole transactions, current hot-wallet address, allocation wallets, and a plain-language verification guide on its transparency page. The issuer account should never be represented as permanently disabled unless the relevant ledger actions have been independently confirmed.

4.1 FIXED SUPPLY

All 589,000,000 H589 were created during the initial issuance process. After the issuer is blackholed, no party can sign future transactions from that account. Tokens sent back to the issuer are treated as burned on XRPL because they reduce outstanding trust line token balances and cannot be reissued by a disabled issuer.

4.2 OPERATIONAL WALLET MODEL

The issuer account establishes the token and should remain permanently inactive after blackholing. Operational activity should occur through separately controlled wallets, including the hot wallet, treasury wallets, liquidity wallets, reward wallets, foundation and operations wallets, builder vesting wallets, partnership wallets, and marketing wallets. Each wallet should have a defined purpose and public label.

5. TOKEN ALLOCATION

ALLOCATION	PERCENTAGE	H589
Treasury & Ecosystem Reserve	30%	176,700,000
Initial Genesis Airdrop	5%	29,450,000
Community & NFT Rewards	20%	117,800,000
Liquidity	15%	88,350,000
Foundation & Operations	10%	58,900,000
Founders, Builders & Core Contributors	10%	58,900,000
Partnerships & Strategic Growth	5%	29,450,000
Marketing & Community Growth	5%	29,450,000
Total	100%	589,000,000

5.1 ALLOCATION PRINCIPLES

- ♦ **Community-first design.** Twenty-five percent of supply is allocated directly to the Genesis distribution and future community/NFT rewards.
- ♦ **Long-term flexibility.** The Treasury and Ecosystem Reserve supports development, grants, new products, security, and unforeseen needs.
- ♦ **Liquidity depth.** The liquidity allocation is intended for XRPL AMMs, future pairs, market access, and responsible liquidity expansion.
- ♦ **Operational continuity.** Foundation and Operations funding supports infrastructure, legal and accounting needs, moderation, security, staffing, and maintenance.
- ♦ **Aligned contributors.** Founder, builder, and core contributor tokens are subject to a five-year vesting framework.
- ♦ **Controlled growth.** Partnership and marketing allocations should be released only for documented, measurable ecosystem purposes.

5.2 FOUNDERS, BUILDERS, AND CORE CONTRIBUTORS VESTING

The 58,900,000 H589 contributor allocation is planned to vest over 60 months. The recommended structure is a 12-month cliff followed by monthly vesting through Month 60. Final grants may differ by contributor based on role, contribution, duration, and written agreement, but no grant should bypass the published maximum category allocation.

VESTING ELEMENT	PLANNED TREATMENT
Total pool	58,900,000 H589
Total term	60 months
Initial cliff	12 months
At Month 12	20% of each applicable grant becomes vested
Months 13–60	Remaining 80% vests monthly
Unvested departures	Unvested balance returns to the designated reserve, subject to the contributor agreement
Transparency	Allocation wallets, schedules, and material changes should be published

6. GENESIS COMMUNITY DISTRIBUTION — SEPTEMBER 8, 2026

Five percent of the total H589 supply — 29,450,000 H589 — is reserved for the one-time Genesis Community Distribution planned for September 8, 2026. The distribution recognizes the NFT collections, token communities, creators, collectors, and early supporters that helped form the HUMAN_589 and NFT Riddler ecosystems.

ELIGIBLE CLASS	SHARE	H589	METHOD
HUMAN_589 Archives	24%	7,068,000	Rarity points owned / total eligible rarity points
Riddler Human	15%	4,417,500	Eligible NFTs held / total eligible collection count
589+1 Collection	15%	4,417,500	Eligible NFTs held / total eligible collection count
Riddler Drop Holders	15%	4,417,500	Eligible NFTs held / total eligible collection count
RCN Holders	10%	2,945,000	Eligible RCN held / total eligible community RCN
BASGB	10%	2,945,000	Rarity points owned / total eligible rarity points
GitArt	5%	1,472,500	Rarity points owned / total eligible rarity points
HUMAN 589 Original Holder	5%	1,472,500	Eligible ownership at the final snapshot
Trustline Activations	1%	294,500	Flat share for wallets that establish the H589 trustline within the published window
Total	100%	29,450,000	5% of maximum H589 supply

6.1 RARITY-WEIGHTED CLASSES

HUMAN_589 Archives, BASGB, and GitArt are allocated according to verified rarity points. Each wallet receives the same percentage of the applicable H589 pool as its percentage of total eligible rarity points for that class.

6.2 COUNT- AND BALANCE-WEIGHTED CLASSES

Riddler Human, 589+1 Collection, and Riddler Drop holders are allocated based on eligible NFTs held relative to the eligible collection count included in the snapshot. RCN holders are allocated proportionally to eligible RCN balances. The HUMAN 589 Original Holder allocation is based on verified ownership at the final qualifying snapshot unless the project publishes a different rule before the cutoff.

6.3 TRUSTLINE ACTIVATIONS

One percent of the Genesis pool — 294,500 H589 — is set aside for wallets that establish the H589 trustline within the published eligibility window. On XRPL a recipient cannot hold an issued token until that trustline exists, and opening it costs the recipient an XRP reserve. This allocation exists so that establishing the line is not a barrier to receiving a Genesis distribution.

The allocation is intended to be flat rather than weighted: every qualifying wallet receives the same amount, subject to published anti-sybil controls, a per-person cap, and exclusion of project-controlled, duplicated, or clustered wallets. Establishing a trustline is a technical prerequisite for receiving the token and should never be presented as a marketing task or as a condition attached to any promotional action.

6.4 SNAPSHOT AND ELIGIBILITY CONTROLS

- ◆ Use one or more unannounced or randomly timed snapshots within the published eligibility window to reduce last-minute manipulation.
- ◆ Calculate all balances and NFT ownership from validated XRPL data and supported partner-chain records where applicable.
- ◆ Exclude issuer, treasury, liquidity, exchange, escrow, burn, project-controlled, duplicated, sanctioned, or otherwise ineligible wallets.
- ◆ Publish the eligible issuer addresses, NFT taxons, collection identifiers, rarity datasets, cutoff rules, and claims process before final distribution.
- ◆ Use a documented dispute and correction window before the airdrop file is finalized.
- ◆ Prevent double counting when the same asset is temporarily listed, escrowed, bridged, or held by a marketplace contract or operational wallet.

GENESIS FORMULA

Waller H589 = (waller's eligible points, NFT count, or token balance ÷ total eligible class amount) × the H589 assigned to that class.

7. COMMUNITY REWARDS, EMISSIONS, AND PARTICIPATION

Twenty percent of the maximum supply — 117,800,000 H589 — is reserved for long-term Community and NFT Rewards. This category is separate from the one-time Genesis distribution and is intended to sustain participation after launch.

SUB CATEGORY	SHARE OF SUPPLY	H589	PURPOSE
Future NFT & Holder-Class Rewards	10%	58,900,000	Scheduled holder distributions, rarity-based rewards, and collection participation.
Activity-Based Ecosystem Rewards	10%	58,900,000	Rewards tied to qualifying marketplace, world, creator, community, liquidity, and utility activity.
Total	20%	117,800,000	Long-term community participation pool.

7.1 MONTHLY HOLDER-CLASS REWARDS

The current design contemplates allocating 25% of each monthly holder-class distribution to eligible HUMAN_589 Archive holders. Archive rewards would be calculated from each wallet's verified Archive rarity points relative to the total eligible Archive rarity points for that month. The remaining monthly holder-class allocation may be distributed among other approved classes according to published epoch rules.

The project may use randomized monthly snapshots or an average of multiple snapshots. Each epoch should publish the pool size, eligible classes, weighting method, exclusions, snapshot methodology, claim timing, and undistributed-token treatment.

7.2 ARCHIVE REMIX AND ATTRIBUTE BOOSTERS

The Archive Remix Collection is planned as a separate collection derived from holder-owned Archives. An original Archive remains unchanged. Inside the Archive Remix Capsule, a holder may create a new combination and mint a distinct Remix asset with a recognizable Remix watermark, frame, seal, or other visual identifier.

Remix assets and Attribute Boosters may increase a wallet's participation score, unlock preferred ecosystem pricing, provide access benefits, or qualify for separate reward pools. Booster weights should be capped so that original Archive rarity remains the primary driver rather than becoming overwhelmed by purchased enhancements.

ILLUSTRATIVE BOOSTER TIER	ILLUSTRATIVE POINTS	DESIGN PRINCIPLE
Common	+1	Accessible participation enhancement
Uncommon	+3	Moderate enhancement
Rare	+8	Meaningful but controlled enhancement
Legendary	+20	High-value enhancement subject to caps

These values are illustrative and are not final economic commitments. Final booster formulas should be simulated against actual collection rarity distributions before launch.

7.3 ACTIVITY-BASED REWARDS

- ♦ Verified use of H589 in supported ecosystem applications.
- ♦ Marketplace purchases, placements, creation, or participation that produce measurable ecosystem activity.
- ♦ Approved community contributions, educational content, events, referrals, or creative work.
- ♦ Liquidity participation where legally and technically appropriate.
- ♦ Governance participation and verified community service.
- ♦ Milestones, seasonal missions, memorial activity, or achievement completion.

Activity rewards should use published caps, anti-bot controls, wallet clustering review, and fraud monitoring. No activity should create a guaranteed financial return.

8. H589 UTILITY

H589 is intended to become the preferred utility asset across the HUMAN_589 ecosystem and selected products within NFT Riddler's RCN ecosystem. Subject to technical integration and platform support, utility may extend to marketplaces, galleries, generators, PFP collections, and future products operating across XRPL, Songbird, and Flare.

8.1 PLANNED UTILITY

- ◆ Access to exclusive digital experiences and wallet-gated areas.
- ◆ Ecosystem memberships and participation benefits.
- ◆ NFT-related products, services, visual upgrades, remixes, and enhancements.
- ◆ Creator and collector tools.
- ◆ Marketplace functionality and digital commerce.
- ◆ Community rewards and incentive programs.
- ◆ Educational resources and interactive content.
- ◆ Artificial intelligence-powered experiences and applications.
- ◆ Digital galleries, memorial environments, and immersive worlds.
- ◆ Auctions, events, entertainment, gaming, and virtual experiences.
- ◆ Strategic ecosystem partnerships and integrations.

8.2 PREFERRED NATIVE PRICING

XRP may be accepted as a standard payment asset, while RCN may receive selected partner benefits. H589 is intended to provide the strongest native utility and preferred ecosystem pricing. Individual applications may support H589, XRP, RCN, RLUSD, or other approved assets depending on technical and legal considerations.

8.3 UTILITY BEFORE INCENTIVE

The project intends to prioritize genuine reasons to use H589 rather than relying solely on token distribution. Marketplace items, site ownership, customization, auctions, member access, memorial actions, creator tools, and immersive applications are designed to create recurring utility.

9. MARKETPLACE, WALLET, AND XRPL EXPERIENCE

9.1 H589 ECOSYSTEM MARKETPLACE

The H589 Ecosystem Marketplace is intended to become the commerce layer for HUMAN589.world. Users may purchase eligible XRPL NFTs such as memorial parcels, flowers, trees, stones, companion sets, Archive Remix assets, creative tools, access passes, and selected partner products.

9.2 XAMAN CONNECTION

Xaman is intended to support wallet authentication, H589 trustline setup, transaction signing, NFT purchases, and other XRPL interactions. The application should use signature-based authentication and must never request or store a user's seed phrase or private key.

9.3 VERIFIABLE OWNERSHIP

XRPL is the source of truth for ownership of H589, parcel NFTs, memorial assets, Archive Remix assets, and other supported NFTs. Application databases may store dynamic state such as three-dimensional placement, growth stage, inscriptions, moderation status, or visual settings, but ownership-sensitive actions must be validated against a confirmed ledger.

9.4 MARKETPLACE PRINCIPLES

- ◆ Clear pricing and asset descriptions.
- ◆ Validated ownership before delivery or world placement.
- ◆ Visible transaction status and transaction hashes.
- ◆ No custody of user wallet keys.
- ◆ Documented fees and distribution rules.
- ◆ Anti-fraud, duplicate-purchase, and reconciliation controls.
- ◆ Support for accessible desktop and mobile experiences where feasible.

10. BURN MECHANICS AND ECONOMIC SUSTAINABILITY

H589 burns are intended to connect token use with permanent supply reduction. On XRPL, trust line tokens are destroyed when sent back to the issuer. Because the H589 issuer is intended to be blackholed after issuance, returned H589 cannot be sent back into circulation.

10.1 PLANNED BURN SOURCES

- ◆ Qualifying memorial purchases and visitor offerings.
- ◆ Selected marketplace fees.
- ◆ Customization, remix, or enhancement fees.
- ◆ Auction or event fees where designated.
- ◆ Voluntary burn actions.
- ◆ Future ecosystem applications that publish a burn component.

10.2 SHARON MARIE TATE MEMORIAL GARDEN SPLIT

The current Memorial Garden design applies a 50/50 split to qualifying H589 fees: 50% is permanently burned and 50% is distributed to the current owner of the memorial site. The exact transaction design may use separate wallet-signed payments or an audited settlement process.

ILLUSTRATIVE MEMORIAL TRANSACTION

A 100 H589 qualifying visitor offering would direct 50 H589 to the blackholed issuer and 50 H589 to the verified current parcel owner.

10.3 TRANSPARENCY

Burn transactions, site-owner distributions, and project-controlled fees should be published through an auditable dashboard. The dashboard should distinguish gross marketplace volume, burns, treasury receipts, owner distributions, rewards, and operational transfers.

II. GOVERNANCE AND STAKING FRAMEWORK

II.1 PLANNED H589 STAKING

After the Genesis distribution, the ecosystem may introduce non-custodial or application-based H589 staking. The primary purpose would be participation, access, voting weight, and eligibility for selected rewards rather than a promise of fixed yield.

- ◆ Governance weight in the HUMAN 589 DAO.
- ◆ Eligibility for specific community votes or proposals.
- ◆ Access tiers or preferred pricing.
- ◆ Participation boosts within defined reward programs.
- ◆ Long-term supporter recognition.

No staking model should launch until its custody, security, reward source, lockup terms, legal treatment, and emergency procedures have been documented and reviewed.

II.2 HUMAN 589 DAO

A future HUMAN 589 DAO may allow eligible participants to vote on community proposals, reward priorities, approved grants, room activations, seasonal initiatives, and selected treasury uses. Governance should not give token holders control over legal entities, protected memorial content, security decisions, or matters requiring professional fiduciary judgment.

II.3 VOTING WEIGHT

Voting weight may combine staked H589, qualifying NFT ownership, or approved participation credentials. Whale caps, delegation, quorum thresholds, conflict-of-interest rules, and proposal review should be considered to prevent concentrated control.

12. HUMAN589.WORLD IMMERSIVE EXPERIENCES

HUMAN589.world is envisioned as a modular immersive ecosystem entered through a Grand Entrance. Each room is a distinct application connected by wallet identity, NFT ownership, H589 utility, marketplace access, and a shared visual world. The descriptions below are roadmap concepts and may be phased, revised, or simplified.

GRAND ENTRANCE

The central arrival point, navigation hub, wallet connection area, H589 trustline access point, ecosystem information center, and gateway to the H589 Ecosystem Marketplace and all available rooms.

ROOM 1 — SHARON MARIE TATE MEMORIAL GARDEN

A peaceful, evolving memorial garden dedicated to Sharon Marie and Paul James Tate, where visitors can purchase a memorial parcel and place XRPL memorial NFTs — flowers, rose gardens, candles, benches, statues, fountains, custom headstones, butterflies, doves, and other tribute items.

Plants visibly mature over time; owners may add inscriptions, dedications, photographs, and stories, while visitors leave moderated Impressions or paid offerings in remembrance. Qualifying H589 activity follows the 50% burn / 50% site-owner distribution model, allowing each memorial space to grow while supporting the long-term HUMAN 589 ecosystem.

CORE USER LOOP

Connect Xaman → purchase an NFT → receive it in the wallet → enter the Garden → claim or plant it at a memorial site → watch it grow → receive visitor Impressions → verify the burn and site-owner distribution on XRPL.

ROOM 2 — LADY 96 WALL OF LIFE

A collaborative, Banksy-inspired digital tribute wall dedicated to Lady 96. Participants contribute approved drawings, art, inscriptions, and qualifying NFT burn actions, earning points on an artist and supporter leaderboard. Each year on March 12, the wall is locked, preserved as a final one-of-one NFT, auctioned for the community according to published rules, and then renewed with a fresh canvas for the next annual chapter.

ROOM 3 — ARCHIVE REMIX LAB

An interactive museum, design studio, and utility hub where every Archive attribute is preserved and explained. Visitors may explore Backgrounds, Helmets, Chest Cores, Eyes, Head Accessories, Hand Accessories, and Companions, together with their artwork, lore, symbolism, rarity, supply, mint history, and inspiration.

At the back of the room, the Archive Remix Capsule allows an eligible holder to load an original Archive, visualize alternate attribute combinations, and create a distinct Archive Remix. Remixes do not alter the original NFT. A separate Remix identity — such as a watermark, frame, seal, or metadata designation — distinguishes the Remix Collection.

ROOM 4 — GG77 PRAYER ROOM

An ethereal chapel for prayer, Scripture, remembrance, and learning. Visitors may leave prayer intentions, access Bible passages, search verses, and use an AI-assisted study tool for context and interpretation. The room should clearly distinguish Scripture text from AI-generated commentary and remain reverent, moderated, and educational.

ROOM 5 — CUSTOM HUMAN 589 EXPERIENCE

A creative room containing HUMAN 589, Ready Player X, and Ready Player 589 capsules. Users may generate AI-assisted backgrounds, preview character combinations, and purchase time-limited customization sessions. A proposed 24-hour session may allow unlimited visual shuffles during the active period before the user saves or mints an eligible final design.

ROOM 6 — H589 HONEYBEE LOUNGE

A family-centered social and music environment inspired by children and the honeybee theme. The room may support approved playlists, scheduled listening hours, community gatherings, and live DJ events. Music features depend on licensing, streaming rights, platform support, and moderation.

ROOM 7 — LIVE AUCTION ROOM

An immersive auction venue for HUMAN_589 works, one-of-ones, memorial assets, Archive Remixes, partner collections, and special releases. Visitors may inspect assets, verify ownership, review bidding history, and sign eligible bids through Xaman.

ROOM 8 — HUMAN_589 PRIVATE MEMBERS AREA

A wallet-gated experience for HUMAN_589 one-of-one holders and qualifying high-tier holders across approved collections. Potential features include private tours, unreleased lore, artist notes, historical environments, exclusive auctions, early-access releases, member voting, gatherings, and immersive narrative experiences.

ROOM 9 — H589 TREASURY OBSERVATORY

A transparency-focused room displaying supply, treasury balances, burns, monthly emissions, holder rewards, memorial-site distributions, liquidity, marketplace volume, and community milestones as live visual installations.

ROOM 10 — HALL OF HUMANITY

A permanent museum of HUMAN_589 history, legendary mints, memorial stories, charitable initiatives, creators, builders, collectors, completed collaborative artworks, annual honors, and meaningful acts performed within the ecosystem.

13. TECHNICAL ARCHITECTURE

The preferred architecture separates immutable ownership from dynamic application state. XRPL verifies wallets, H589 balances, trustlines, NFT ownership, transfers, offers, payments, and burns. HUMAN589.world applications manage interactive three-dimensional state, content, growth, moderation, and user experience.

LAYER	PREFERRED TECHNOLOGY	ROLE
3D world	Babylon.js + TypeScript	Rendering, navigation, placement, animation, and immersive interaction.
Web application	Next.js / React	Marketplace, profiles, dashboards, wallet inventory, and administration.
Wallet	Xaman	Sign-in, trustline setup, transaction signing, and XRPL interaction.
Ledger	XRP Ledger	H589 and NFT ownership, payments, transfers, offers, and auditability.
Backend	Node.js / NestJS	Authentication, validation, orders, placements, moderation, and APIs.
Database	PostgreSQL	Dynamic world state, inscriptions, growth, impressions, and reconciliation.
Jobs / cache	Redis + BullMQ	Ownership checks, growth calculation, notifications, and background work.
Assets	GLB + S3/CDN + IPFS metadata	Optimized 3D models, textures, media, and NFT metadata.
Infrastructure	Ubuntu + Docker + Nginx	Application hosting, isolation, SSL, deployment, and operations.

13.1 LEDGER RESPONSIBILITIES

- ◆ Official H589 issuer and currency identity.
- ◆ Trustline balances and payments.
- ◆ NFT issuer, taxon, token ID, ownership, offers, transfers, and burns.
- ◆ Validated transaction history.
- ◆ Project wallet balances and public economic records.

13.2 APPLICATION RESPONSIBILITIES

- ◆ Three-dimensional coordinates, rotation, scale, and parcel boundaries.
- ◆ Planting timestamps, visual growth stages, and companion behavior.
- ◆ Memorial text, privacy controls, photographs, and moderated Impressions.
- ◆ Marketplace catalog presentation, order status, and reconciliation.
- ◆ Reward calculations, rarity datasets, snapshot files, and audit logs.

13.3 SECURITY RULES

- ◆ Never request or store wallet seeds or private keys.
- ◆ Keep Xaman API secrets server-side.
- ◆ Re-verify ownership before every sensitive action.
- ◆ Use validated-ledger data before granting assets, rewards, or access.
- ◆ Use idempotency keys and duplicate-webhook protection.
- ◆ Separate development, Testnet staging, and Mainnet production.
- ◆ Maintain backups, monitoring, role-based administration, and immutable audit logs.

14. SECURITY, TRANSPARENCY, AND OPERATIONS

14.1 PUBLIC TRANSPARENCY

- ◆ Maximum supply and official token identifiers.
- ◆ Issuer blackhole verification transactions.
- ◆ Project-controlled wallet addresses and purposes.
- ◆ Allocation balances and vesting schedules.
- ◆ Genesis distribution methodology and final distribution file.
- ◆ Monthly reward pools, snapshots, calculations, and claims.
- ◆ Burns, site-owner distributions, liquidity, and treasury activity.

14.2 TREASURY CONTROLS

Treasury, operations, liquidity, reward, and partnership funds should be segregated. High-value wallets should use multisignature controls where supported by the operating model, limited hot-wallet exposure, approval thresholds, reconciliations, and documented incident procedures.

14.3 CONTENT SAFETY AND MEMORIAL STEWARDSHIP

Memorial, prayer, victim, child, and family content requires heightened care. HUMAN589.world should support privacy controls, reporting, moderation, owner approval, removal of sensitive personal information, media restrictions, appeal procedures, and clearly stated community standards. Sensitive personal content should not be permanently embedded in immutable NFT metadata by default.

14.4 AI USE

AI may support design, discovery, Scripture study, moderation, personalization, and creative tools. AI output should be identified as generated content, reviewed for safety where appropriate, and never presented as authoritative legal, medical, theological, historical, or financial advice.

15. DEVELOPMENT ROADMAP

The ecosystem should launch in phases. Each phase is dependent on successful testing, security review, funding, content readiness, and platform feasibility.

PHASE	TIMING	PRIMARY DELIVERABLES
Phase 0 — Token Foundation	Completed / verification stage	Issue H589, configure token, publish trustline and Xaman connection, verify fixed supply, establish project wallet
Phase 1 — Genesis	Target: September 8, 2026	Finalize eligibility, run snapshots, publish calculations, distribute 29,450,000 H589, and launch transparency report
Phase 2 — Core Marketplace	Near term	H589 catalog, wallet inventory, NFT purchase flow, ownership verification, transaction reconciliation.
Phase 3 — Sharon Marie Tare Memorial Garden MVP	Priority world application	Parcels, planting, placement, growth, memorial inscriptions, butterflies, honeybees, Impressions, and 50/50 fee split
Phase 4 — Archive Remix Lab	After Garden MVP	Attribute museum, Remix Capsule, Remix identity, minting workflow, rarity and booster testing.
Phase 5 — Commerce & Transparency	Phased	Live Auction Room, Treasury Observatory, burn dashboards, holder reward dashboards.
Phase 6 — Faith, Art, and Members	Phased	GG77 Prayer Room, Lady 96 Wall of Life, Private Members Area.
Phase 7 — Social and Creative Expansion	Long term	Custom HUMAN 589 Experience, Honeybee Lounge, Hall of Humanity, partner integrations.

Roadmap timing is directional. Features may be reordered or released in smaller modules. The project should avoid publishing a fixed completion date for an application until its scope, development resources, testing plan, and legal requirements are confirmed.

16. RISKS AND LIMITATIONS

- ◆ **Development risk.** The applications described are complex and may require changes in scope, design, cost, or timing.
- ◆ **Market risk.** H589 may experience volatility, illiquidity, or loss of market interest.
- ◆ **Technology risk.** XRPL, wallet, hosting, database, API, browser, or third-party failures may disrupt access or transactions.
- ◆ **Security risk.** Wallet phishing, compromised credentials, software defects, malicious users, or infrastructure attacks could cause loss or disruption.
- ◆ **Regulatory risk.** Digital asset, consumer, privacy, tax, intellectual-property, gaming, payments, and securities rules may change or apply differently by jurisdiction.
- ◆ **Content risk.** Memorial, prayer, artistic, and user-generated content may create privacy, moderation, copyright, or reputational concerns.
- ◆ **Third-party risk.** Xaman, XRPL infrastructure providers, marketplaces, storage services, music platforms, AI providers, and partner ecosystems may change or discontinue support.
- ◆ **Economic design risk.** Rewards, staking, boosters, burns, liquidity, or pricing may not produce the intended behavior and may require adjustment.
- ◆ **Irreversibility.** Blockchain transactions, burns, and certain NFT actions may be permanent and cannot be reversed by the project.

16.1 NO GUARANTEE OF UTILITY OR VALUE

The project does not guarantee market value, liquidity, appreciation, rewards, returns, or completion of any particular application. Users are responsible for understanding transactions before signing them and for securing their own wallets.

17. CONCLUSION

H589 is designed to become the connective utility layer of HUMAN_589: a fixed-supply XRPL token supporting remembrance, creativity, faith, collector participation, digital commerce, immersive experiences, and transparent community rewards.

The Genesis Community Distribution on September 8, 2026 is intended to recognize the communities and collections that formed the foundation of the ecosystem. From there, the project will prioritize genuine utility: marketplace-to-wallet-to-world ownership, living memorials, Archive creation, transparent burns, holder rewards, auctions, education, and community-led development.

THE HUMAN_589 VISION

Build a world where every digital asset can carry a story, every holder can participate, every memorial can continue to grow, and the technology remains in service of humanity.

APPENDIX A — TOKEN AND LEDGER INFORMATION

FIELD	VALUE
Official token name	HUMAN 589 Coin
Symbol	H589
Issuer address	rnA7oDiPyhuu5XjL5fp1nNHBzLpflKSly
Operational hot wallet	rnSJRaL3obwMWyofkVgVK9BcY68B2t9sFp
Currency code (hex)	4835383900000000000000000000000000000000
Maximum supply	589,000,000 H589
Website	https://human589.world
XRPL TOML	https://human589.world/well-known/xrp-ledger.toml
Genesis distribution	September 8, 2026
Blackhole verification	Publish final ledger transaction hashes before public release

Addresses and technical identifiers should be verified directly from validated XRPL records and the official website before use. Never establish a trustline from an address received through an unofficial message or third-party post.

APPENDIX B — DISTRIBUTION FORMULAS

B.1 RARITY-WEIGHTED DISTRIBUTION

FORMULA

Wallet allocation = (wallet eligible rarity points ÷ total eligible rarity points for the class) × class H589 pool.

B.2 NFT COUNT-WEIGHTED DISTRIBUTION

FORMULA

Wallet allocation = (wallet eligible NFT count ÷ total eligible NFT count for the class) × class H589 pool.

B.3 TOKEN BALANCE-WEIGHTED DISTRIBUTION

FORMULA

Wallet allocation = (wallet eligible token balance ÷ total eligible community token balance) × class H589 pool.

B.4 ARCHIVE MONTHLY REWARDS

FORMULA

Wallet Archive reward = (wallet eligible Archive rarity points plus approved capped booster points ÷ total eligible Archive participation points) × monthly Archive pool.

All calculations should use a published precision and rounding convention. Any residual amount created by rounding should remain in the applicable reward wallet or be distributed through a documented final-allocation rule.

APPENDIX C — GLOSSARY

TERM	DEFINITION
Airdrop	A distribution of tokens to eligible wallets according to published rules.
Archive	An NFT from the HUMAN_589 Archives generative collection.
Archive Remix	A separate holder-created NFT based on an eligible Archive and visually distinguished from the original collection.
Attribute Booster	A planned utility collectible that may add capped participation points or unlock ecosystem benefits.
Blackholed issuer	An XRPL issuer account configured so that no known key can authorize future transactions.
Burn	Permanent destruction of H589 by returning tokens to the issuer after the issuer has been blackholed.
Genesis Distribution	The one-time 29,450,000 H589 community distribution planned for September 8, 2026.
H589	The HUMAN 589 Coin, an XRPL-issued utility token with a maximum supply of 589,000,000.
Impression	A moderated message, prayer, reflection, or tribute left at a memorial or other supported world location.
NFToken	A non-fungible token recorded on the XRP Ledger.
Rarity points	The approved numerical scoring system used to weight selected NFT holder distributions.
Trustline	An XRPL ledger relationship that permits an account to hold a specific issued token.
Validated ledger	A ledger version accepted through XRPL consensus and treated as final for application verification.
Xaman	A wallet and signing platform used to authenticate users and approve supported XRPL transactions.

TECHNICAL REFERENCES

The final technical implementation should follow current official documentation for the XRP Ledger and Xaman. Core references include XRPL documentation for trust line tokens, token issuance, `account_lines`, `account_nfts`, NFT trading, and blackholed accounts, together with Xaman documentation for SignIn, payloads, authorization, and xApps.

- ◆ XRPL Documentation — <https://xrpl.org/docs/>
- ◆ Xaman Developer Documentation — <https://docs.xaman.dev/>
- ◆ Official HUMAN 589 Website — <https://human589.world/>

HUMAN 589 COIN • H589

Remembrance • Creation • Community • Utility

Version 1.0 Draft — July 2026