

SPP3 Application

A proposal to provide research and development services to the ENS DAO

Prepared for: ENS DAO

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Date: June 2026

Applicant Information

Team: Unruggable

ENS Name: unruggable.eth

Website: unruggable.com (<http://unruggable.com>)

Primary Contacts: Prem Makeig (premm.eth), Thomas Clowes (clowes.eth)

Team status: SPP2 returning provider

Category: ENS Infrastructure, Outreach & Integrations

Funding Period: July 2026 – June 2027

Requested Funding: \$400,000

Executive Summary

For SPP3, Unruggable proposes two complementary workstreams.

The first is **ENS and AI Agent Identity**, focused on making ENS a core identity and context layer for AI agents.

We believe AI agents are likely to become a major new class of internet users. As agents grow in number, and potentially outnumber human users within the next year or two, ENS is uniquely positioned to become foundational infrastructure for an agent-first web.

For an agent-first internet to work, four foundational layers need to be in place: **connectivity, secure context data, identity, and trust.**

ENS is uniquely positioned to provide these layers.

The second is **Chain Identity and Interoperability**, centred around operating and expanding the on.eth registry, supporting the formation of the Ethereum Interoperable Chains Council (EICC), migrating chain metadata onchain, and continuing development of interoperability standards and infrastructure.

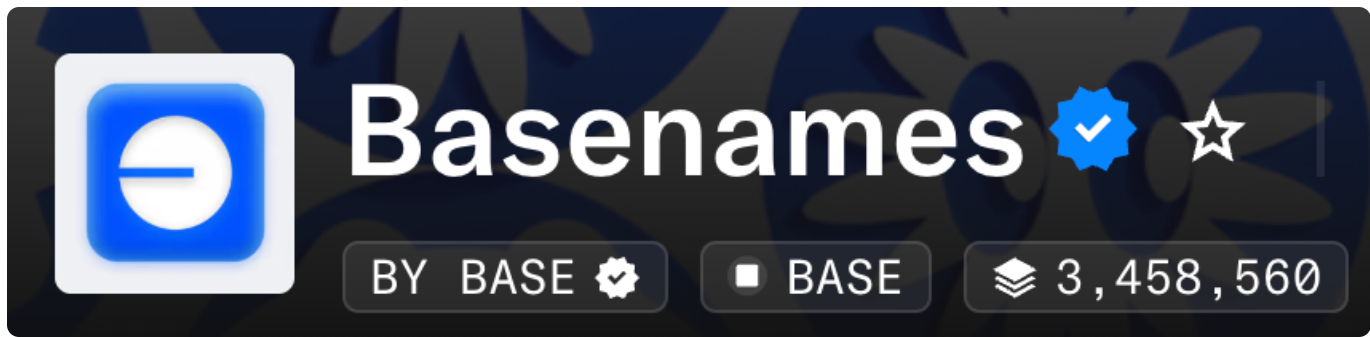
Our Work

Unruggable is a research and development team focused on identity infrastructure for the verified web.

Since being founded in early 2024, we have consistently identified gaps in ENS infrastructure, built solutions, operated them in production, and worked with the broader ecosystem to drive adoption and standardization.

Our work includes:

- Unruggable Gateways (<https://github.com/unruggable-labs/unruggable-gateways>), the trustless L2 resolution infrastructure used by ENS v2, powering ENSIP-19 reverse resolution and large-scale deployments such as base.eth, which alone supports over 3 million names.



- on.eth, the ENS-based chain identity registry and resolver (<https://docs.ens.domains/resolvers/chain-registry-resolver>).
- ENSIP-19 (<https://docs.ens.domains/ensip/19/>), ENSIP-24 (<https://docs.ens.domains/ensip/24/>), ENSIP-25 (<https://docs.ens.domains/ensip/25/>) and ENSIP-26 (<https://docs.ens.domains/ensip/26/>).
- ERC-7930 (<https://eips.ethereum.org/EIPS/eip-7930>) and ERC-7828 (<https://eips.ethereum.org/EIPS/eip-7828>), interoperability standards developed in partnership with the Ethereum Foundation and Wonderland.

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vitalik.eth @ optimism
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0xd8dA.6045      eip155:10
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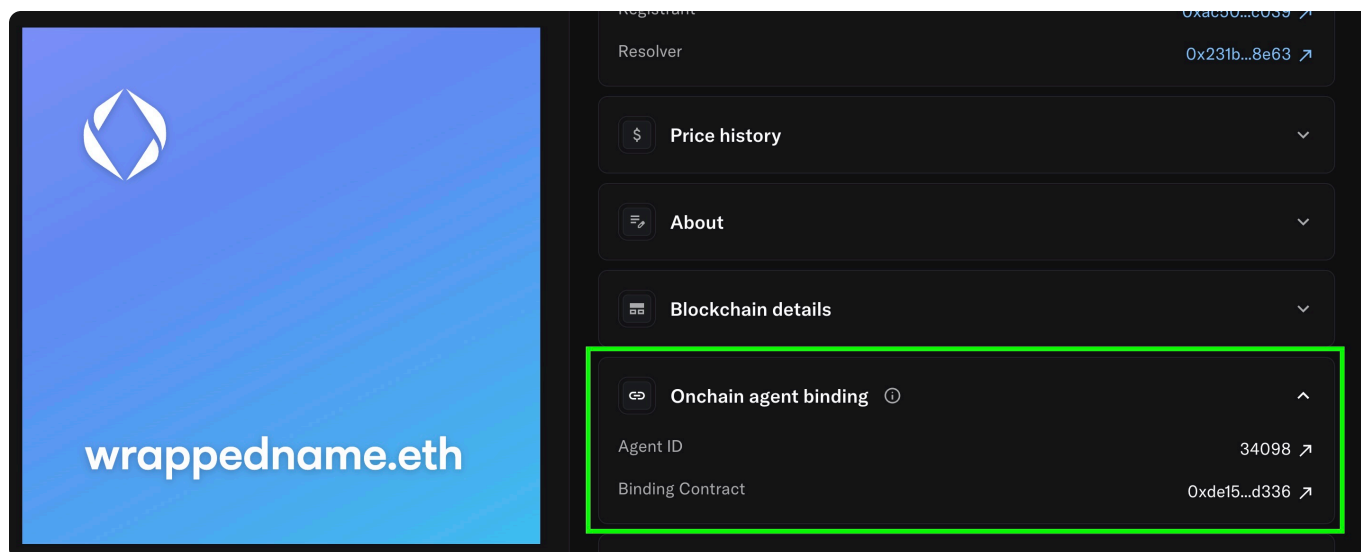
```
0x00010000010a14d8da6bf26964af9d7eed9e03e53415d37aa96045
```

- Contributions to ERC-8004 Trustless Agents (<https://eips.ethereum.org/EIPS/eip-8004>), ERC-8217 Agent NFT Identity Bindings (<https://eips.ethereum.org/EIPS/eip-8217>), OpenSea integration, and the broader ENS × AI ecosystem.



- Ongoing participation in ICANN and domain industry discussions, helping bridge the gap between traditional naming infrastructure and ENS.
- ENSWhois (<https://enswhois.com/>), a public ENS data platform and API with support for ENSv2.

Over the last two years, Unruggable has helped build the foundational standards and infrastructure pieces for both ENS-based agent identity and interoperability. This work includes ERC-8004, ENSIP-25, ENSIP-26, and ERC-8217 for agent identity, alongside Unruggable Gateways, the on.eth chain registry, ERC-7930, and ERC-7828 for multichain interoperability.



ERC-8217 is now fully supported by OpenSea!

Our view is simple: the next phase of ENS growth is not simply more names. It is ENS becoming foundational identity infrastructure for users, applications, contracts, chains, and AI agents.

Why This Proposal Matters

A significant portion of the work described in this proposal was originally conceived, authored, implemented, or operationalised by Unruggable.

This includes the on.eth registry, ENSIP-25, ENSIP-26, ERC-8217, Adapter8004 (<https://adapter8004.xyz/>), ENS × AI, substantial contributions to ERC-8004, and much of the recent progress around ERC-7930 and ERC-7828.

These initiatives are no longer ideas. They are active standards, deployed infrastructure, and growing ecosystems that require continued development, maintenance, coordination, and adoption.

If this proposal is not funded, there is no identified team with the same combination of context, authorship, implementation experience, operational responsibility, and ecosystem relationships currently positioned to continue this work.

Without continued support the ENS ecosystem would risk losing momentum in several strategically important areas at a time when chain interoperability and onchain AI agent identity are rapidly evolving.

This proposal ensures continuity from the team that created much of the underlying technology, standards, and infrastructure in the first place.

About Unruggable

Unruggable was founded in early 2024 by Prem Makeig (<https://x.com/nxt3d?lang=en>) and Thomas Clowes (<https://thomasclowes.com/>).

We focus on building infrastructure, standards, and tooling that make ENS more useful, more interoperable, and more deeply embedded throughout the broader Ethereum ecosystem.

Our work sits at the intersection of several communities:

- ENS
- Ethereum standards development
- Chain interoperability
- AI agents
- DNS and domain infrastructure
- Internet governance

This perspective has shaped much of our work to date.

Prem has been a leader in developing AI agent standards and building the onchain AI agent ecosystem, including contributions to ERC-8004 and the formation of the ENS × AI community.

Thomas combines several years of ENS development experience with nearly two decades of experience in the domain-name industry. This has led to participation in ICANN, NamesCon, and broader internet governance discussions where ENS and blockchain naming systems are increasingly becoming part of wider conversations about identity and naming infrastructure. His focus during SPP2 was ENS infrastructure, and interoperability.

Our work has consistently focused on practical implementation rather than purely theoretical research. We believe standards are most valuable when accompanied by production-ready software, reference implementations, and operational infrastructure.

Prior Delivery Record

One of the recurring themes throughout Unruggable's work has been a focus on implementation. Rather than stopping at research or standards development, we consistently build and implement operational infrastructure, and production systems that allow new ideas to be adopted by the broader ecosystem.

Many of our contributions span the full lifecycle from research and specification development through to implementation, deployment, and ongoing operation.

Unruggable Gateways

Unruggable Gateways is the trustless resolution infrastructure that enables ENS to securely retrieve data from Layer 2 networks.

The Gateway architecture is a core component of ENSv2 and is already used in production today for offchain subname solutions including base.eth which has over three million registered names. The same infrastructure powers ENSIP-19 reverse resolution for primary name support on five L2 chains. The codebase has undergone independent security review through both Code4rena and Coinbase.

Beyond the protocol itself, we have also developed operational tooling, deployment infrastructure (<https://subnames.unruggable.com/>), and supporting software that simplifies gateway deployment and operation.

on.eth

During SPP2 we designed, developed, and shipped the on.eth chain registry and resolver.

on.eth provides a canonical ENS-based source of truth for chain identity.

The registry already supports live chain records and forms the foundation for ERC-7930 and ERC-7828 interoperability standards.

Rather than treating chain identity as a collection of informal repositories and community processes, on.eth provides a path toward a governed, verifiable, and onchain registry model.

SPP3 builds directly on this work.

ENSWhois

Unruggable also developed ENSWhois, a public ENS data platform and API.

ENSWhois aggregates, indexes, reconciles, and exposes ENS data through both a public interface and developer API.

The platform provides access to ownership information, registrations, renewals, expiry dates, subnames, resolver records, primary names, and other protocol data.

Originally developed to support our own engineering efforts, ENSWhois has evolved into a broader piece of ENS infrastructure and already includes preliminary support for ENSv2.

As ENS expands across multiple chains and introduces new architectural concepts, reliable and accessible data infrastructure becomes increasingly important. ENSWhois reflects our commitment to building and maintaining that infrastructure.

ENSWhois Search State Analytics API My Account

Standards and Specifications

Unruggable has authored or contributed to a number of ENS and Ethereum standards including:

ENSIPs

- ENSIP-19: Multichain Primary Names (<https://docs.ens.domains/ensip/19/>)
- ENSIP-24: Arbitrary Data Resolution (<https://docs.ens.domains/ensip/24/>)
- ENSIP-25: AI Agent Registry Verification (<https://docs.ens.domains/ensip/25/>)
- ENSIP-26: Agent Text Records (<https://docs.ens.domains/ensip/26/>)
- ENS Package Manifest (draft) (<https://discuss.ens.domains/t/add-ensip-ens-package-manifest/22158>)
- Contract-Self Naming (draft) (<https://discuss.ens.domains/t/updated-ensip-draft-contract-self-naming-via-icontractname-and-icontractnamer/22159>)

Interoperability

- ERC-7930: Interoperable Addresses (<https://eips.ethereum.org/EIPS/eip-7930>)
- ERC-7828: Interoperable Names (<https://eips.ethereum.org/EIPS/eip-7828>)

Both standards had seen limited progress before Unruggable became involved. While there was strong support for the standards within the broader Ethereum ecosystem, moving them forward required deep familiarity with ENS architecture, resolution, naming, and interoperability. Working alongside Wonderland and the Ethereum Foundation, we helped move both specifications toward finalization through implementation work, specification development, and ecosystem coordination.

AI Agent Identity

- ERC-8004: Trustless Agents (<https://eips.ethereum.org/EIPS/eip-8004>)
- ERC-8217: Agent NFT Identity Bindings (<https://eips.ethereum.org/EIPS/eip-8217>) (with support deployed by OpenSea across Ethereum and Base)
- ERC-8121: Agent Trust and Reputation (<https://eips.ethereum.org/EIPS/eip-8121>)

Collectively, these standards position ENS as a core identity layer for onchain agents.

Industry Engagement

Unruggable actively participates in standards and industry discussions beyond the Ethereum ecosystem.

Thomas has attended ICANN and domain-industry events including ICANN84 (<https://www.icann.org/en/engagement-calendar/details/icann84-muscat-annual-general-meeting-2025-10-25>) in Dublin, the Contracted Parties Summit (<https://www.icann.org/en/contracted-parties/summit>) in Manchester, and NamesCon Miami (<https://namescon.com/>), contributing technical insight on ENS, naming systems, interoperability, and the relationship between traditional internet infrastructure and decentralized naming protocols.

This work is informed by nearly twenty years of experience within the domain-name industry and helps ensure ENS remains part of broader conversations around internet naming and identity.

Strategic Vision

Historically, ENS has primarily been viewed as a naming system for users.

We believe the larger opportunity is much broader.

ENS has the potential to become the identity layer for:

- Users
- Applications
- Contracts
- Chains
- AI agents

Much of our work over the last two years has been driven by this idea.

ENSIP-19 enables identity across multiple chains.

ENSIP-24 enables arbitrary structured data to be surfaced through ENS.

on.eth enables chains themselves to become first-class ENS entities.

ERC-7930 and ERC-7828 allow applications and wallets to use human-readable chain and address identifiers.

ERC-8004 and ERC-8217 position ENS names as agent identities.



Contract Self-Naming extends ENS identity directly to smart contracts.

Viewed individually, these projects may appear unrelated.

Viewed together, they form a coherent vision: ENS becoming the universal identity layer for the onchain world.

ENS already provides human-readable identity for users. We believe the next phase of growth is extending those same primitives to chains, contracts, applications, and agents.

Workstream 1: ENS and AI Agents

Overview

AI agents are rapidly becoming participants in onchain systems.

Agents can hold assets, execute transactions, interact with protocols, coordinate with one another, and increasingly act on behalf of users. As this ecosystem develops, the same questions repeatedly emerge:

- How does an agent establish its identity?
- How does an agent prove ownership of its wallets?
- How do users know which agent they are interacting with?
- How can agent dependencies and context data be verified?
- How do agents establish trust and reputation?

Our view is that ENS is uniquely positioned to answer these questions.

For AI agents to operate safely and effectively, four foundational pillars are required:

1. Connectivity
2. Context Data
3. Identity
4. Trust

ENS already provides a globally recognised naming system, ownership model, resolver architecture, and identity framework. Rather than creating entirely new identity systems for AI agents, we believe the ecosystem should build upon infrastructure that already exists.

Over the last two years, Unruggable has helped establish much of the foundational infrastructure required to make this possible.

Identity

In 2025 and 2026, Unruggable helped establish the foundations for ENS-based agent identity through work on ERC-8004, including its ENS integration and metadata standards, ENSIP-25 for agent verification, ENSIP-26 for agent metadata and service endpoints, and ERC-8217 Agent NFT Identity Bindings.

ERC-8217 allows NFTs, including ENS names, to directly control ERC-8004 agent records. When an ENS name is transferred, control of the associated agent identity transfers with it. This makes the ENS name the root of control for the onchain agent.

To support adoption, we developed Adapter8004 and deployed supporting infrastructure on Ethereum Mainnet and Base. OpenSea has already rolled out support for ERC-8217 across NFTs on Ethereum and Base, demonstrating real-world ecosystem adoption of ENS-based agent identity.

Context Data

Identity alone is insufficient. Agents also require verifiable context data.

Agents increasingly rely on prompts, knowledge bases, configuration files, token lists, service definitions, tools, and other resources that influence their behaviour. Without verifiable context data, users and applications have limited visibility into what information an agent is relying upon.

To address this challenge, Unruggable contributed ENSIP-24 Arbitrary Data Resolution and worked alongside ETH.limo to standardise DataURL support for ENS names.

Together, these technologies enable ENS names to publish fully verifiable and portable data directly through ENS.

We also authored the ENS Package Manifest specification, which provides a standard way to publish structured packages, resources, and dependencies through ENS.

Supporting this infrastructure is ENSWhois, a public ENS data platform and API that aggregates, indexes, reconciles, and exposes ENS data. ENSWhois already supports ENSv2 and provides infrastructure that can be used to discover and resolve agent metadata and context data at scale.

Trust

Identity and context data are only useful if users can determine whether they should be trusted.

As AI agents become increasingly autonomous, users and applications need ways to evaluate reputation, trust relationships, and the provenance of both agents and the data they consume.

To support this, Unruggable developed ERC-8121, which provides the foundation for trust relationships between agents, resources, packages, and trust registries.

ERC-8121 provides the "web" in web-of-trust, allowing agent metadata and agent resources to be linked to recognised trust systems and reputation frameworks.

SPP3 Objectives

During SPP2, Unruggable helped establish the foundational standards and infrastructure required for ENS-based agent identity, trust, and context data.

SPP3 focuses on adoption, tooling, ecosystem growth, and continued standards development.

During the funding period we will:

1. Support developers building with ENSIP-25, ENSIP-26, ERC-8004, and ERC-8217 through technical guidance, documentation, ecosystem coordination, and continued operation of the ENS × AI community.
2. Launch ENS8004.xyz, making it significantly easier for developers to configure ENS names as ERC-8004 agent identities.

3. Continue development of ENS Package Standards, DataURL infrastructure, and associated tooling in collaboration with ETH.limo.
4. Expand Adapter8004 and related infrastructure across additional chains and ecosystems.
5. Advance ERC-8121 and related trust infrastructure for agents, tools, packages, and context data.
6. Continue researching and developing improvements that reduce the cost and complexity of agent registration and identity management.

Why ENS

The opportunity is not simply that AI agents may use ENS names.

The larger opportunity is that ENS becomes the identity layer through which agents establish reputation, discover one another, publish context data, and interact with the broader ecosystem.

Much like users rely on ENS names today, future applications may rely on ENS identities for agents, contracts, services, tools, and autonomous systems.

Our work across ERC-8004, ERC-8217, ENSIP-24, ENSIP-25, ENSIP-26, ENS Package Standards, DataURL support, ENSWhois, and ERC-8121 is intended to move that vision closer to reality.

By the end of the funding period, we expect to have advanced both the standards and infrastructure necessary to make ENS a first-class identity layer for onchain agents while continuing to support the growing ecosystem of teams building in this area.

Workstream 2: Chain Identity and Interoperability

Overview

Ethereum has spent years solving scalability. We now face a different challenge: how users, wallets, and applications consistently identify and interact with an ever-growing number of chains.

Every chain needs a name, an identifier, and a source of truth that both humans and software can trust.

Today, chain identity is spread across multiple systems. EIP-155

(<https://eips.ethereum.org/EIPS/eip-155>) provides chain IDs. CAIP-2

(<https://standards.chainagnostic.org/CAIPs/caip-2>) provides cross-ecosystem identifiers. SLIP-44

(<https://github.com/satoshilabs/slips/blob/master/slip-0044.md>) defines coin types. Short names such as *eth*, *base*, and *arb1* are managed through community processes and repositories such as [ethereum-lists/chains](https://github.com/ethereum-lists/chains) (<https://github.com/ethereum-lists/chains>).

These systems have served the ecosystem well, but they were not designed for an environment where hundreds or thousands of chains compete for namespace, identity, and interoperability.

Our view is that chain identity requires a more durable foundation.

The on.eth registry was created to provide that foundation. Rather than relying on a collection of repositories and informal coordination, chain identity can be published, governed, and resolved through ENS itself.

This workstream focuses on continuing development of the on.eth ecosystem, supporting the formation of the Ethereum Interoperable Chains Council (EICC), and advancing the interoperability standards that depend on this infrastructure.

on.eth

During SPP2, Unruggable designed, developed, and shipped the on.eth chain registry and resolver.

The registry provides a canonical ENS-based source of truth for chain identity and is designed to become the foundation for interoperable chain naming across Ethereum and beyond.

The registry is already live and operational. However, much of the work required to transform it from a deployed system into broadly adopted ecosystem infrastructure still lies ahead.

During the funding period, Unruggable will continue operating and expanding the registry.

This includes:

- Maintaining the registry and resolver infrastructure.
- Supporting chain onboarding.
- Managing operational processes and documentation.
- Maintaining indexing and supporting infrastructure.
- Continuing open-source development.
- Supporting wallet, application, and ecosystem integrations.

The objective is not simply to maintain a registry, but to establish on.eth as the authoritative source of chain identity information for the broader ecosystem.



Ethereum Interoperable Chains Council (EICC)

Technology alone is insufficient.

Chain identity is ultimately a governance problem as much as a technical problem.

Questions such as:

- Who receives a short chain identifier?
- How are naming conflicts resolved?
- What happens when disputes arise?
- How are assignments updated over time?

cannot be solved purely through software.

To address these challenges, Unruggable has been working alongside members of the Ethereum Foundation (<https://ethereum.foundation/>) on the development of the Ethereum Interoperable Chains Council (EICC).

The purpose of EICC is to provide a durable governance and administrative framework for chain identity.

EICC is intended to govern the on.eth registry through transparent policies, documented processes, and accountable decision-making structures.

During the funding period, Unruggable will support the formation and development of EICC, including:

- Legal formation and organisational setup.
- Governance framework development.
- Board formation and operational support.
- Assignment and Disputes Policy development.
- Registry governance processes.
- Public documentation and transparency mechanisms.
- Security and operational oversight frameworks.

Our role is not to govern the registry ourselves.

Rather, our role is to build and operate the infrastructure required for EICC to function successfully and to support the transition toward a sustainable governance model.

Chain Metadata Migration

A critical component of this work is the migration of existing chain metadata into the on.eth ecosystem.

Today, a significant amount of chain identity information exists across repositories, spreadsheets, specifications, and operational processes that evolved organically over many years.

The objective of the migration effort is to consolidate this information into a verifiable and governed onchain registry.

This work includes:

- Inventorying existing chain metadata.
- Mapping existing identifiers and records.
- Validating chain information.
- Developing migration tooling.
- Publishing migration documentation.
- Executing migration batches.
- Providing transparency around migration decisions.

The end result will be a publicly auditable registry where chain identity information is available directly through ENS.

Interoperability Standards

The on.eth registry is closely connected to the broader interoperability work that Unruggable has been leading alongside the Ethereum Foundation and Wonderland (<https://wonderland.xyz/>).

ERC-7930 (Interoperable Addresses) and ERC-7828 (Interoperable Names) provide a standardised way to represent chains, names, and addresses across ecosystems.

Both specifications had seen limited progress before Unruggable became involved. Over the last year we have worked extensively to simplify the standards, develop implementations, validate design decisions, and move both specifications toward finalization.

This work included:

- Development of the on.eth resolution architecture.
- Definition of the canonical ENS-based chain name format.
- Resolver implementation work.
- Smart contract implementations.
- Ecosystem coordination.
- Technical review and specification refinement.

During SPP3 we will continue supporting ecosystem adoption of these standards while ensuring the on.eth registry evolves alongside them.

Our objective is simple: applications should be able to resolve chain identity, names, and addresses in a consistent and interoperable way without needing chain-specific logic.

“We could not have shipped on.eth without the Unruggable team.”

— Josh Rudolf, Ethereum Foundation

Security and Sustainability

For on.eth to become trusted ecosystem infrastructure, it must be secure, transparent, and sustainable.

During the funding period we intend to:

- Commission and publish an independent security audit of the resolver infrastructure.
- Improve operational documentation.
- Develop sustainability planning for long-term operation.
- Establish transparent governance processes.
- Support the transition toward independent oversight through EICC.

Success is not measured by the number of chains added to the registry.

Success is measured by whether the ecosystem can rely on the registry as durable infrastructure.

By the end of the funding period, we expect on.eth to be operating under a documented governance framework, supported by transparent policies, backed by audited infrastructure, and positioned to serve as the authoritative source of chain identity for the broader Ethereum ecosystem.

Milestones

Workstream 1: ENS and AI Agents

Quarter	Deliverable	Verification
Q1–Q2	Launch of ENS8004.xyz enabling ENS names to function as ERC-8004 agent identities	Public application, deployed contracts, and documentation
Q2	Continued development of ERC-8217 and supporting infrastructure enabling ENS-controlled agent records	Published specifications, deployments, and documentation
Q2–Q3	ENS Agent identity tooling expanded across supported chains and ecosystems	Public infrastructure and integrations
Q3	Advancement of ERC-8121 and trust infrastructure for ENS-based agents and context data	Published specifications, technical documentation, or reference implementations
Q3–Q4	ENS Package Standard and DataURL infrastructure advanced in collaboration with ETH.limo	Published specifications, demonstrations, and developer tooling
Q4	Demonstration of verifiable agent identity, reputation, and data infrastructure built on ENS	Public demonstration and supporting documentation

Workstream 2: Chain Identity and Interoperability

Quarter	Deliverable	Verification
Q1 (Jul–Sep 2026)	EICC established with founding governance framework, charter, bylaws, and board structure	Public governance documents and formation materials
Q1–Q2	on.eth governance framework operational, including public procedures and transparency mechanisms	Published governance documentation and operational processes
Q2 (Oct–Dec 2026)	Assignment & Disputes Policy v1.0 published following community review	Published policy document
Q2–Q3	Migration framework for existing chain metadata completed and executed in staged batches	Public migration documentation and onchain records
Q3 (Jan–Mar 2027)	Expanded registry coverage and onboarding processes established for new chains	Public registry records and onboarding documentation
Q4 (Apr–Jun 2027)	Independent security audit of on.eth resolver infrastructure completed and published	Public audit report
Q4	Long-term governance and sustainability framework for EICC and on.eth published	Published governance and sustainability documentation

Ongoing Deliverables Throughout Funding Period

The following activities will be maintained throughout the funding cycle:

- Operation and maintenance of the on.eth registry and supporting infrastructure.
- Maintenance and operation of Unruggable Gateways.

- Continued support for ENSv2 data infrastructure.
- Participation in interoperability standards development.
- Participation in ICANN, domain-industry, and internet-governance discussions relevant to ENS.
- Continued operation and coordination of the ENS × AI community.
- Publication of public progress updates throughout the funding period.

Budget

Total Requested: \$400,000

The requested budget funds Unruggable's research, development, operational, legal, and ecosystem engagement activities across both proposed workstreams over a 12-month period.

Category	Amount (USD)
Team Research & Development	\$295,000
Travel & Ecosystem Engagement	\$35,000
Technology & Operations	\$35,000
Legal & Security Audit	\$35,000
Total	\$400,000

Team Research & Development (\$295,000)

This allocation supports the engineering and research effort required to deliver the proposed workstreams.

Areas of focus include:

- on.eth registry operations and development.
- EICC formation and supporting infrastructure.
- Interoperability standards and implementations.
- ERC-8004 and ERC-8217 development.

- Agent identity, reputation, and verifiable data systems.
- Open-source software development.
- Maintenance and expansion of supporting infrastructure.

The team currently consists of two full-time contributors and one part-time contributor.

Travel & Ecosystem Engagement (\$35,000)

This allocation supports participation in standards meetings, ecosystem events, industry conferences, and stakeholder engagement activities.

Examples include:

- Ethereum ecosystem conferences.
- Interoperability workshops.
- Standards development meetings.
- ICANN and domain-industry events.
- Community and ecosystem coordination activities.

Much of Unruggable's work sits at the intersection of ENS, Ethereum standards, AI, interoperability, and internet naming infrastructure. Direct participation in these communities remains an important part of advancing adoption and coordinating development efforts.

Technology & Operations (\$35,000)

This allocation supports the infrastructure required to develop, operate, and maintain the systems described in this proposal.

Examples include:

- Servers and hosting.
- Development infrastructure.
- Monitoring and operational tooling.
- Data infrastructure.
- Testing environments.

- Software subscriptions and administrative costs.

Legal & Security Audit (\$35,000)

This allocation supports legal and security work associated with the formation of EICC and the continued development of the on.eth ecosystem.

Expected expenses include:

- Legal review and entity formation costs.
- Governance and policy support.
- Independent security review of on.eth infrastructure.
- External professional services where required.

Budget Philosophy

Unruggable operates as a small engineering-focused team. The majority of requested funding is directed toward research and development activities, with the remainder allocated to the operational, legal, security, and ecosystem-engagement costs required to successfully deliver the proposed work.

As with previous funding periods, we intend to continue publishing public updates and progress reports throughout the duration of the grant.

Prior Reporting

SPP2 Quarterly Reports

Q2 2025 Report

<https://discuss.ens.domains/t/unruggable-spp2-q2-2025-quarterly-report/21200>

(<https://discuss.ens.domains/t/unruggable-spp2-q2-2025-quarterly-report/21200>)

Q3 2025 Report

<https://discuss.ens.domains/t/unruggable-update-and-spp2-q3-2025-quarterly-report/21688>

(<https://discuss.ens.domains/t/unruggable-update-and-spp2-q3-2025-quarterly-report/21688>)

Q4 2025 Report

<https://discuss.ens.domains/t/unruggable-update-and-spp2-q4-2025-quarterly-report/22093> (<https://discuss.ens.domains/t/unruggable-update-and-spp2-q4-2025-quarterly-report/22093>)

Q1 2026 Report

<https://discuss.ens.domains/t/unruggable-spp2-q1-2026-quarterly-report/22160>
(<https://discuss.ens.domains/t/unruggable-spp2-q1-2026-quarterly-report/22160>)

Additional Standards Work

Additional authored or contributed specifications include:

- ERC-8041: Fixed-Supply Agent NFT Collections (<https://eips.ethereum.org/EIPS/eip-8041>)
- ERC-8048: Onchain Metadata for Token Registries (<https://eips.ethereum.org/EIPS/eip-8048>)
- ERC-8049: Contract-Level Onchain Metadata (<https://eips.ethereum.org/EIPS/eip-8049>)
- ERC-8119: Parameterized Storage Keys (<https://eips.ethereum.org/EIPS/eip-8119>)
- ERC-8121: Cross-Chain Function Calls via Hooks (<https://eips.ethereum.org/EIPS/eip-8121>)
- ERC-8122: Minimal Agent Registry (<https://eips.ethereum.org/EIPS/eip-8122>)

Closing Thoughts

We are grateful for the support and trust the ENS DAO has placed in Unruggable over the last two years.

The work described throughout this proposal would not have been possible without the many delegates, contributors, ecosystem teams, and community members who have shared ideas, feedback, criticism, encouragement, and support along the way.

We remain excited about the future of ENS and the opportunity ahead. If funded, we look forward to continuing to work closely with the broader ENS ecosystem, including ENS Labs, Eth.limo, service providers, and independent builders, as we continue building the infrastructure needed for the next generation of ENS.