



Whitepaper

Green Meta Industry S.R.L.

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Executive Summary	4
Industry Context & Pain Points	5
How to Elze.io Adresses These Pain Points	7
ELZE Token Utility	9
Tokenomics&Distribution	11
Technology&Infrastructure	15
Roadmap Execution Plan	20
Airdrop& Go-To-Market Strategy	23
Market Opportunity	26
Competive Landscape	28
Revenue Model	33
Risk&Mitigation	33
Impact&Vision 2030	36

Executive Summary

Elze.io is the unified platform redefining the publishing and intellectual property industry by turning creative works into liquid, protected, and tradable assets.

Through blockchain notarization, Elze guarantees authorship proof from the earliest draft stage. Its licensing marketplace enables transparent agreements between creators and publishers, while royalties tokenization transforms future income streams into compliant, investable financial products.

At the core of this ecosystem lies the ELZE token, powering all transactions and governance. It serves as the settlement currency for licensing, royalties, and dataset access; it enables staking and governance participation; and it rewards creators whose works contribute to compliant AI training datasets.

Value Proposition:

For Creators:

Secure authorship, monetize works directly, access royalties upfront, and earn from AI dataset licensing.

For Publishers:

Digitize and monetize archives, reduce costs, and ensure compliance with EU copyright and AI regulations.

For Investors:

Gain exposure to MiCA-compliant Real World Assets (RWAs) through royalties tokenization, supported by transparent smart contracts

For AI Companies:

Access high-quality, copyright-safe datasets with automated royalty distribution to creators.

Elze.io unifies publishing, finance, and AI data management into a single Web3-native ecosystem. This makes it the **first all-in-one solution** for the sustainable monetization of intellectual property in the digital age.

Industry Context & Pain Points

The intellectual property and publishing industry is at a critical inflection point. Digital transformation, AI, and global regulatory pressure are unveiling both opportunity and risk. Below are key structural issues, backed by recent data, and the gaps Elze.io is designed to fill.

1 Global Publishing & Royalties Landscape

Market size and growth:

According to MarketResearch.com, the digital publishing market was estimated at USD 167.4 billion in 2024, and is forecast to reach USD 317.5 billion by 2030, with a Compound Annual Growth Rate (CAGR) of roughly 11.3%. [MarketResearch](#)

Regional breakdown:

In 2024, the U.S. digital publishing market alone accounted for about USD 44.2 billion of the global total. China is expected to be among the fastest growing markets through 2030.

[MarketResearch](#)

Drivers of growth:

Key drivers include increased consumption of digital content (e-books, audiobooks, web-native content), shift of readers to subscription models, improvements in internet access and mobile device penetration, and heightened demand for interactive and multimedia content. Also, AI-based tools (e.g. for personalization, content curation) and blockchain for content authentication are emerging influences. [Technavio+3Mordor Intelligence+3The Business Research Company+3](#)

2 Intermediary Costs & Literary Agents

Typical commission rates:

Literary agents commonly take 15% of royalties from domestic sales. Moreover, on foreign rights or film/TV rights, the commission often rises to about 20%. [Sameer Kamat+3Writer's Hive Media+3juxtapbook.com+3](#)

Impact on authors:

These commissions reduce the share of revenue reaching authors substantially. Combined with delays in royalty payments and opaque accounting practices, many authors have limited visibility and control over earnings.

3 IP Challenges in the AI Era

Unlicensed use of content:

Many AI models are trained on large datasets that include copyrighted works without explicit licensing, creating legal and ethical challenges. Regulatory initiatives (e.g., EU AI Act) are increasingly demanding transparency, traceability, and fair compensation.

Lack of traceability and revenue sharing:

When authors' work is used in AI datasets or in derivative content, there is often no mechanism for tracking usage or ensuring creators are paid proportionally.

4 Market Gaps in Rights Monetization & Compliance

Fragmentation:

Right now, publishing, licensing, royalties, and IP marketplaces are mostly served by separate platforms, often with incompatible contract standards. This leads to inefficiency, non-liquidity of rights, and high friction for creators and investors.

Regulatory risk:

Emerging regulatory frameworks (MiCA in Europe, AI legislation, copyright laws) require compliance for tokenized assets, transparency in licensing, privacy, and data source traceability. Most current solutions are either experimental, lack enforceable legal structures, or do not scale globally.

Investor access:

Institutional investors have limited exposure to IP or royalty assets because of legal risk, valuation difficulty, and lack of standardized financial instruments.

How Elze.io Addresses These Pain Points

Elze.io has been designed as a comprehensive, compliance-first ecosystem that directly addresses the structural inefficiencies of the publishing and intellectual property markets. Its architecture combines blockchain infrastructure, tokenization, and AI to provide a seamless solution for creators, publishers, investors, and AI companies.

1 End-to-End Integration

Unlike fragmented platforms that focus on a single aspect of IP, Elze.io integrates the entire lifecycle of creative works:

Authorship Proof:

Immutable notarization via Soulbound Tokens establishes authorship from the earliest draft.

Licensing:

Smart contracts automate transparent, enforceable licensing agreements between creators and publishers.

Royalty Tokenization:

Future revenue streams are transformed into MiCA-compliant RWA security tokens, providing liquidity and access for investors.

Dataset Monetization:

Creators earn ongoing compensation when their works are used in compliant AI training datasets.

2 Transparent Smart Contracts & Compliant Token Standards

Elze.io ensures trust and legal certainty by embedding compliance into its architecture:

Smart contracts execute revenue distribution automatically and transparently.

Token standards include ERC-20 (ELZE utility token), ERC-1400 (security tokens for royalties), and Soulbound Tokens (proof of authorship).

Compliance integration with KYC/AML procedures ensures regulatory adherence and investor protection.

3 Marketplace for Licenses & Special Editions

Elze.io provides a direct marketplace where creators can license their works or issue limited editions:

Licensing marketplace reduces reliance on intermediaries like agents, lowering commission leakage.

Special editions (digital or phygital) create new monetization opportunities and direct engagement between authors and their audience.

Fairer revenue split ensures a higher percentage of royalties flows back to creators.

4 Investor Access Through Tokenized Royalties (RWAs)

Cultural and creative assets have historically been **illiquid, opaque, and inaccessible** to most investors. Elze.io changes this by offering royalties as security tokens, fully compliant with MiCA and based on the ERC-1400 standard.

This approach places Elze.io within the broader trend of tokenized **Real World Assets (RWAs)** — an emerging \$16 trillion market opportunity by 2030, according to Boston Consulting Group. In this context, royalties become **a new class of tokenized cultural assets**, combining financial stability with ESG alignment.

For the first time, **institutional and retail investors** can:

Acquire fractional ownership of future royalty streams.

Trade them on secondary markets with regulatory protection.

Diversify portfolios with low-volatility cultural assets.

Elze.io thus bridges the gap between publishing, finance, and blockchain — unlocking a new era of **cultural asset investing**.

ELZE

Token Utility

The **ELZE** token is not a speculative asset but the **access key** to a tiered system within the Elze.io ecosystem. Holding and staking \$ELZE unlocks benefits that reduce costs, increase opportunities, and provide access to advanced tools.

1 Discounts on Tokenized RWA Transactions

Users who stake ELZE gain **reduced commissions** on transactions involving tokenized royalties (RWA security tokens).

Applies to both **primary offerings** (newly tokenized royalties) and **secondary market trades**.

Encourages long-term holding by rewarding active participants in the ecosystem.

2 Discounts for Publishers in the Licensing Marketplace

Publishers who use the Elze marketplace to acquire licenses benefit from **discounted fees** when paying with ELZE.

This reduces operational costs for publishers.

It incentivizes adoption of Elze.io as the default marketplace for rights management.

3 Priority Access to New Tokenization Opportunities

ELZE holders receive **early or exclusive access** to new tokenized royalty offerings before they are opened to the wider market.

Provides first-mover advantage in securing cultural assets.

Creates demand for ELZE as the gateway to rare and limited investment opportunities.

4 Access to Elze AI Assistants

Staking ELZE grants access to **AI assistants developed by Elze**.

These tools help authors with writing, editing, and copyright management.

They support publishers in scouting works, analyzing catalog potential, and ensuring compliance.

They allow investors to evaluate tokenized royalties with AI-powered financial insights.

Tokenomics & Distribution

The **economic design of the ELZE token** is structured to ensure sustainability, compliance, and long-term value creation for the ecosystem. The tokenomics have been engineered to balance the needs of creators, publishers, investors, and the community.

1 Token Type & Standards

Utility Token:

ERC-20, used for transactions, tier access, and discounts.

Security Tokens:

ERC-1400, representing tokenized royalties (RWAs), issued separately from ELZE but accessible through it.

2 Total Supply

The maximum supply of ELZE is **1 billion units** minted once at genesis.

No future minting is allowed, ensuring a capped supply.

3 Allocation

The token distribution is designed to incentivize adoption, fund ecosystem development, and reward long-term participants.

A proposed allocation model:

Community & Rewards: 30%

Incentives for creators, publishers, and readers who actively participate. Includes staking rewards.

Liquidity: 10%

Tokens to be made available to CEX and DEX to ensure liquidity for trading

Investors (Private + Public Sale): 25%

Early supporters and public buyers of ELZE.

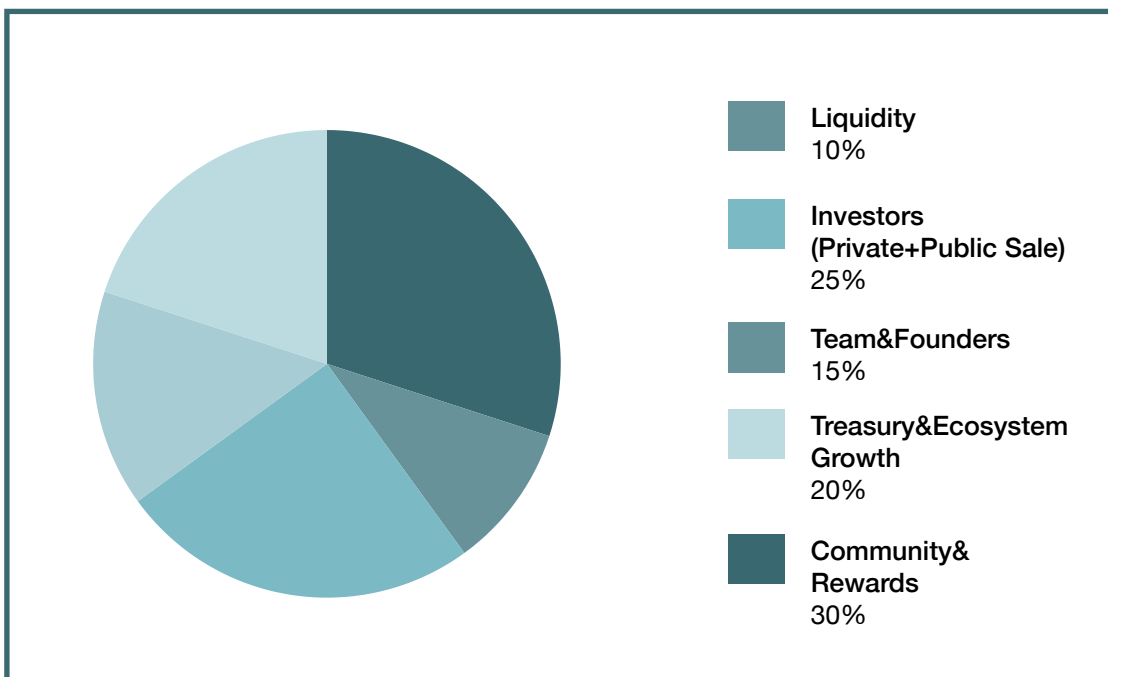
Team & Founders:: 15%

With multi-year vesting schedules to ensure long-term alignment.

Treasury & Ecosystem Growth: 20%

Reserved for future initiatives, grants and bounty programs.

Allocation



4 Vesting & Lock-up

Team & Advisors:

24 months vesting, 12 months cliff from TGE.

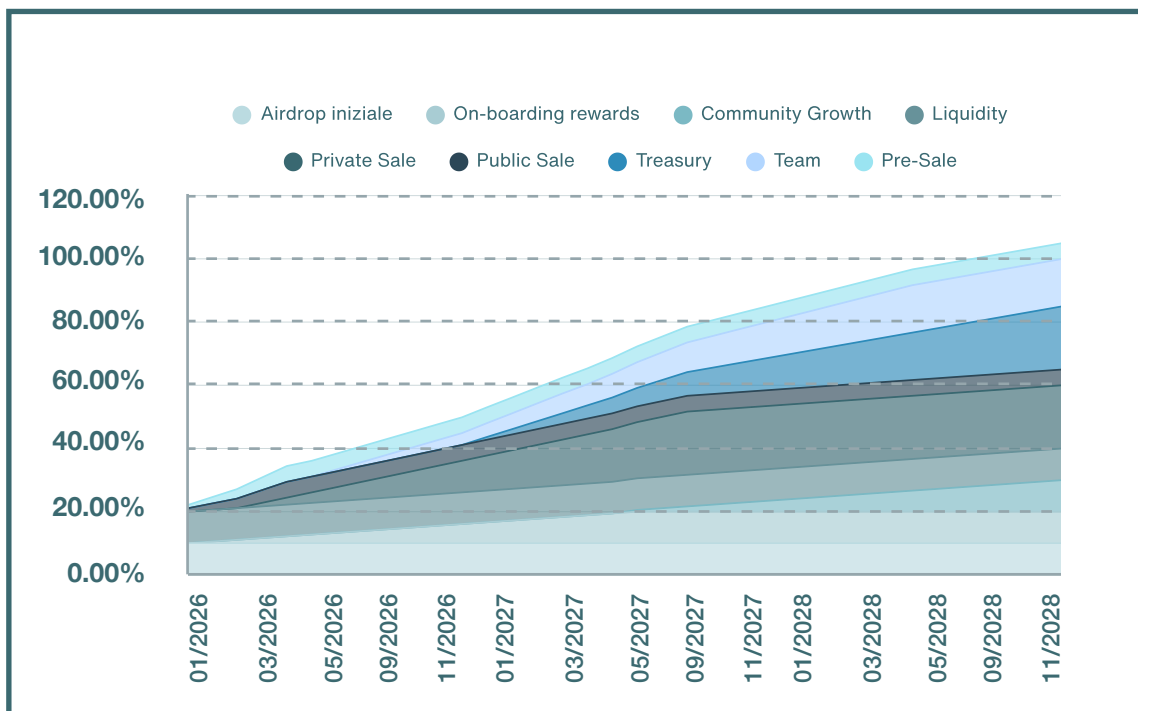
Private Investors:

18–21 months vesting, 3 months cliff.

Public Sale:

TBD.

This ensures **market stability** and prevents dumping at launch.



5 Treasury & Sustainability

The Elze.io Treasury is managed with transparency and serves four key purposes:

1. **Liquidity provision** on exchanges and marketplaces.

2. **Funding development** of AI assistants, compliance tools, and infrastructure.

3. **Strategic investments** in partnerships with publishers, universities, and cultural institutions.

4. **Grant Programs:** dedicated funding to support authors and developers building on Elze.io.

- **For authors:**
grants encourage the creation of new works and experimentation with tokenization models.
- **For developers:**
grants incentivize building AI agents, analytics tools, and integrations powered by Elze technology, strengthening the ecosystem.

6 Long-Term Token Value Drivers

Growing demand for **tier access** (discounts, AI assistants, early access).

Expansion of the **RWA market** with tokenized royalties.

Publisher adoption, driving higher demand for ELZE in the licensing marketplace.

Integration into **secondary markets**, increasing utility beyond the platform.

Technology & Infrastructure

Elze.io is designed as a **compliance-first, modular infrastructure**, combining blockchain standards, smart contracts, and AI-powered services with next-generation account management to make Web3 accessible for creators, publishers, investors, and AI companies.

1 Token & Asset Architecture

ERC-20 (ELZE Utility Token)

The core token for payments, tier access, and discounts.

ERC-1400 (RWA Security Tokens)

Used to tokenize royalties into compliant Real World Assets (RWAs).

- Embeds compliance (KYC/AML).
 - Allows fractionalization of royalty streams.
 - Enables trading under MiCA regulations
-

Soulbound Tokens (SBTs)

Non-transferable tokens that serve as **immutable proof of authorship**.

NFTs (Licensing NFTs)

Each licensing contract in the marketplace is paired with an NFT.

- Represents ownership of the license and sits in the holder's smart account.
- Tradable to third parties, allowing secondary market transfers of licensing rights.
- Acts as **visual and verifiable record** of the contract, enhancing transparency and usability.

2 Smart Accounts & Gasless Transactions

To make Elze.io accessible for everyone — even those unfamiliar with blockchain — the platform uses **smart accounts** instead of traditional wallets:

Smart Account

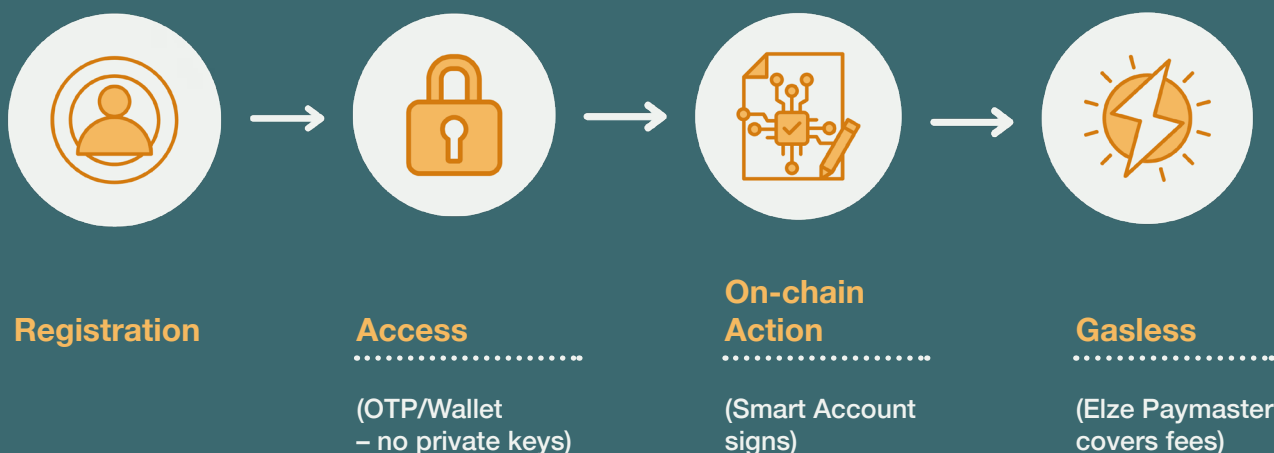
Every registered user automatically receives a **smart account**, powered by Privy technology.

- Accessible via email OTP or wallet login.
- No need for users to manage private keys directly.

Gasless Transactions

Whenever a user performs an action requiring an on-chain transaction (e.g., minting a license NFT, transferring royalties), they simply **click a button**.

- The transaction is signed by the user's smart account.
- Gas fees are covered by Elze via paymasters, so users don't need ETH or other tokens to cover transaction costs.
- This ensures a **Web2-like user experience**, while preserving the security of Web3 infrastructure..



3 ENS Integration & User Identity

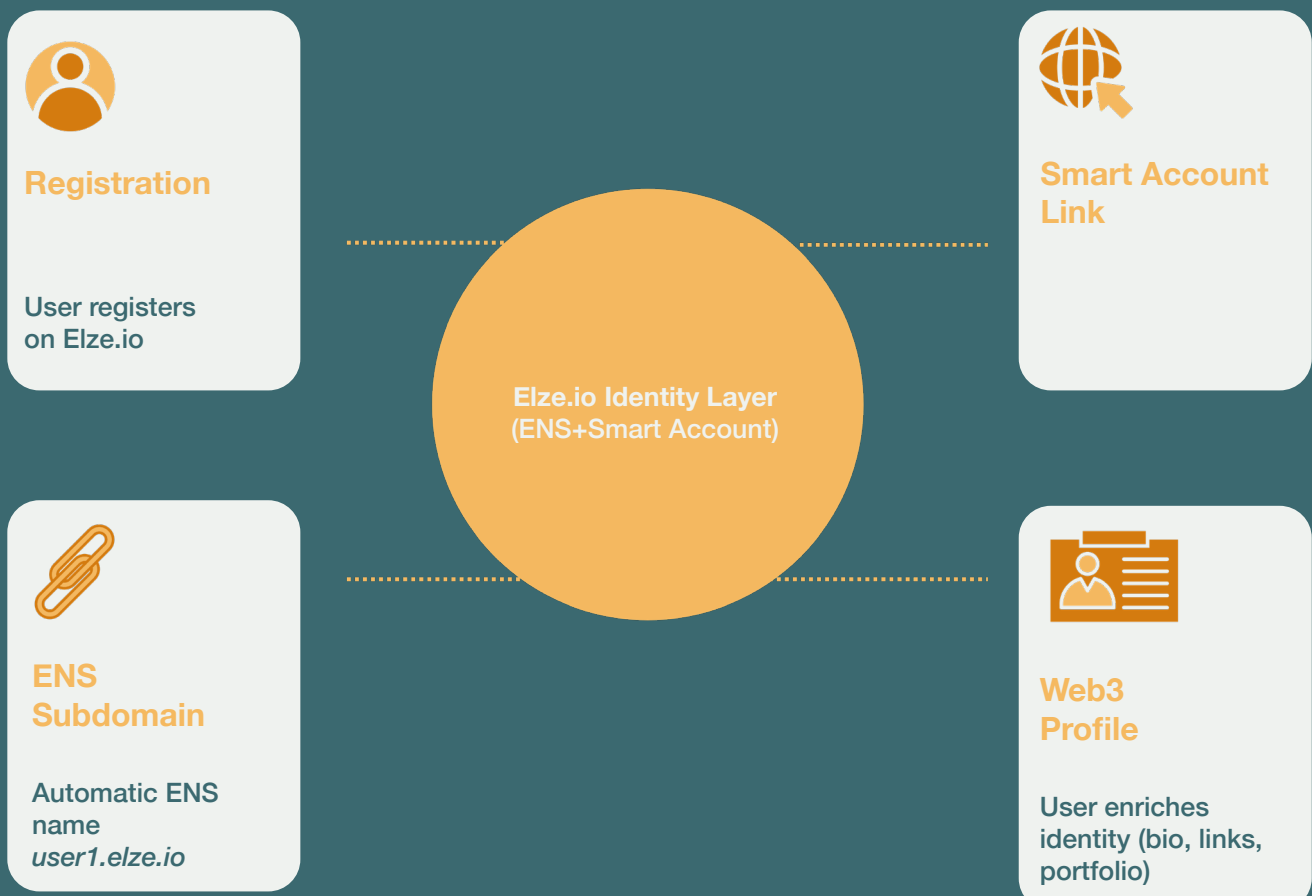
Elze.io integrates **Ethereum Name Service (ENS)** to give users a recognizable and verifiable identity:

Upon registration, each user is assigned a **personalized subdomain**:

- Example: `user1.elze.io`.
- Linked directly to their smart account.

Users can enrich their subdomain with **metadata and profile info** (bio, links, portfolio).

This creates a **Web3-native identity layer**, ensuring transparency in licensing and community interactions.



4 Compliance Layer

Compliance is deeply embedded in Elze.io's infrastructure:

KYC/AML mandatory for investors participating in royalty tokenization.

MiCA Compliance: royalties issued as ERC-1400 security tokens

GDPR & Copyright Alignment: metadata storage respects EU data protection while preserving transparent attribution of rights.



KYC/AML



**MiCA Compliance
(ERC-1400)**



**GDPR
& Copyright**

5 Smart Contracts Infrastructure

Licensing Automation

Smart contracts govern licensing agreements, with terms reflected in associated NFTs.

Marketplace Settlement

Handles transactions for licensing and secondary trades, instantly and without intermediaries.

Royalty Distribution

Automatic, real-time allocation of revenues to authors, publishers, and investors



**Licensing
Automation**



**Marketplace
Settlement**



**Royalty
Distribution**

6 AI & Data Infrastructure

Dataset Monetization:

authors are compensated automatically when their works are used in compliant AI training datasets.

AI Assistants:

support creators, publishers, and investors with writing, catalog analysis, and valuation.

Infringement Monitoring:

AI-powered systems scan the web for unauthorized use and trigger automated enforcement.



**Dataset
Monetization**



**AI
Assistants**



**Infringement
Monitoring**

7 Scalability & Security

Modular Architecture:

supports interoperability with Ethereum L2s, sidechains, and permissioned environments.

Third-Party Audits:

smart contracts undergo regular audits.

Cross-Border Ready:

supports international licensing and compliance.



**Modular
Architecture**



**Third-Party
Audits**



**Cross-Border
Ready**

Roadmap & Execution Plan

The Elze.io roadmap is designed to **unlock value step by step**, ensuring compliance, adoption, and scalability at each stage. Our execution strategy balances **short-term delivery** with **long-term vision**, bridging publishing, finance, and AI.

2025 Launch of Elze.io Platform & Marketplace

Core platform live with smart accounts, licensing marketplace, and authorship notarization via Soulbound Tokens.

NFT-paired licenses introduced, allowing creators and publishers to trade rights transparently.

Smart contract automation for royalty distribution.

ENS integration: every user receives a personalized subdomain (e.g., user1.elze.io).

Adoption goals: onboard first cohort of authors and publishers (target: 5,000+ registered creators, 50+ publishing houses).

Revenue Model: initial platform fees on license transactions.

2026 Royalties Tokenization & Investor Access to RWAs

Launch of ERC-1400 security tokens representing tokenized royalties.

Investor onboarding: compliance integration with KYC/AML, enabling both retail and institutional access.

Secondary market trading: royalties become liquid, with commissions discounted for ELZE tier holders.

Treasury-backed grant programs launched to fund:

- **Authors** experimenting with new publishing/tokenization models.
- **Developers** building AI agents, analytics, and compliance tools on Elze.

Adoption goals: 100+ tokenized royalty offerings, 10,000+ investors onboarded.

Revenue Model: fees on royalty tokenization, secondary trading, and investor access.

2027 **AI Dataset Marketplace & Global Licensing Network**

IA dataset monetization:

works licensed through Elze can be used in AI training, with smart contracts ensuring fair compensation.

Launch of AI marketplace:

datasets curated and validated for copyright compliance.

Global licensing network:

Elze.io integrates with international publishers, universities, and cultural institutions, enabling borderless licensing.

AI assistants expanded:

specialized tools for investors (valuation), publishers (catalog analytics), and creators (copyright enforcement).

Adoption goals:

500+ publishers, 50,000+ creators, 100+ institutions using Elze datasets.

Revenue Model:

dataset licensing fees, royalties redistribution, institutional partnerships.

Long-Term Vision

Expansion into Global IP Markets

Elze.io's infrastructure is designed to expand beyond books into the **wider intellectual property economy**:

Music:

tokenized royalties for artists, labels, and rights holders.

Film & Media:

licensing and secondary rights monetization for film studios and streaming platforms.

Research & Accademy IP:

tokenization of scientific works, patents, and datasets.

Global IP ecosystems

partnerships with collecting societies, IP registries, and international organizations.

By 2030, Elze.io aims to position itself as the **leading global hub for tokenized cultural and intellectual assets**, part of the \$16 trillion RWA tokenization market projected by Boston Consulting Group.

Airdrop & Go-to-Market Strategy

1 Strategic Role of the Airdrop

The Elze.io airdrop is not a speculative giveaway but a **structured go-to-market tool**. It creates incentives across the ecosystem (authors, publishers, investors, community) while remaining aligned with treasury management and tokenomics.

2 Phase 1: Pre-TGE

Community Building & Early Adoption

■ Objectives:

create awareness, bootstrap the community, and test first features with authors and early investors. Target: **5,000+ users onboarded** before TGE.

■ Actions:

Referral Program

- Rewards for inviting new users (authors, readers, investors).
 - Tiered bonuses (more referrals = more points).
-

Social Media Engagement

- Points for following, sharing, and creating content on **Twitter (X), Telegram, and LinkedIn**.
 - Weekly campaigns (quizzes, AMAs, hashtag drives).
-

Onboarding Autori (Beta Features)

- Notarization of first works via **Soulbound Tokens**.
 - Creation of trial licenses on the marketplace.
 - Rewards for testing publishing and licensing flows.
-

Investor & Trader Quests

- Educational quests about tokenized RWAs.
 - Simulated trading quests for royalty tokens (testnet/demo).
 - Points + badge rewards for early participation.
-

Expected Outcome:

build a **core, engaged community** that understands Elze's value proposition and is ready to activate when TGE goes live.

3 Phase 2: Post-TGE

Market Growth & Liquidity Building

■ Objectives:

drive real transactions on Elze.io, stimulate the royalty token market, and expand beyond early adopters. Target: 100+ tokenized royalties and 10,000+ investors within 18 months.

■ Actions:

License Contract Creation

- Rewards for authors and publishers creating license contracts in the marketplace.
 - Bonus points for early categories (books, journalism, audiobooks).
-

Royalties Tokenization

- Points for tokenizing works into ERC-1400 security tokens.
 - Higher rewards for publishers who tokenize backlist catalogs.
-

Trading Incentives

- Points and badges for active trading of royalty tokens.
 - Double rewards for early adopters trading on secondary markets.
 - Partnerships with launchpads to incentivize participation in primary offerings.
-

Publisher & Institutional Adoption

- Tailored reward campaigns for publishers that onboard their catalogs.
- Institutional pilot programs incentivized with governance participation.

Expected Outcome:

create **market depth** by fueling both supply (authors, publishers) and demand (investors, traders), while ensuring regulatory compliance.

4 Points & Badges System (Across Both Phases)

Points:

continuous accumulation through community, author, and investor actions

Badges:

milestone-based, with one-time allocations. Examples:

- **Early Author:** first works tokenized.
- **Marketplace Pioneer:** first license contracts created.
- **RWA Trader:** active in royalty token trading.
- **Community Builder:** top referrers and content creators.

Badges amplify the gamified experience and create **long-term loyalty loops**.

Market Opportunity

Newspapers, magazines, and digital publications

Market structure & participants

Europe counts an estimated **600–1,000 newspaper publishers** (print + digital), controlling **1,200+ registered daily titles** across the region. Italy alone has **~91 dailies with national or relevant circulation**, ranking **5th in Europe**.

Digital expansion.

Beyond traditional dailies, Europe has seen strong growth in **online-native outlets** and digital extensions of existing newspapers. The number of active **digital-only news sites** across Europe is in the **thousands**, reflecting a highly fragmented market. In Italy, alongside ~91 dailies, there are **hundreds of registered online outlets**, many local or thematic.

Professional base

Roughly **433,000 journalists** are registered in Europe (Eurostat, 2018), underscoring a large professional creator base that can benefit from licensing automation, transparent reporting, and fairer monetization.

Acquisition & retention economics

CAC for professional creators typically ranges **€100–€1,000**; vertical rights marketplaces usually see 5–15% annual churn, which makes sticky features (discounts, AI tools, priority access) crucial

■ Implications for Elze

Clear product–market fit for **license marketplaces** (reprints, reportage/photo packs, archives).

Tokenized royalties for serialized content and syndication offer newsroom financing.

Compliance-by-design (KYC/AML, smart contracts, transparent splits) builds trust with institutions.

Book & Audiobook Publishing

Italiano

Book TAM

Global book publishing is valued at **~\$151B in 2024**, projected to reach **~\$192B by 2030 (CAGR ~4.2%)**.

Audiobooks hypergrowths

The audiobook market is **\$5.1–8.7B in 2024**, expected to hit **~\$35B by 2030 (CAGR ~26%)**.

European supply side

Europe produces **~585,000 new titles annually**, with a catalog of **14M+ titles**. Italy counts **5,308 active publishers (2024)**, **~85,000 new titles/year**, and **1.5M catalog titles**.

Bacino autori

Europe likely hosts **150k–250k active authors**, within a broader cultural workforce of **~868,700 authors/journalists/linguists (EU, 2023)**

■ Implications for Elze

Backlist activation: tokenizing dormant catalogs creates liquidity for publishers and authors.

Audiobook surge: perfectly aligned with fractional royalty finance and secondary markets.

AI-ready licensing: datasets enriched with books & audiobooks fuel compliant AI training.

Tokenized Royalties

Copyright monetization at scale

Digital publishing is valued at **~\$97B in 2024**, while CISAC-tracked author royalties across music, audiovisual, and literature reached **€13.1B**.

Tokenization runway

Broader IP tokenization markets could exceed **\$190B by 2030**, with publishing+music rights forming a **\$60–80B serviceable market**. Near-term obtainable market is in the low single-digit billions.

■ Why Elze is positioned

Security tokens (ERC-1400) for royalties + **KYC/AML** unlock regulated investor demand.

Tiered ELZE utility (discounts, AI assistants, priority deal flow) enhances adoption.

NFT licenses + smart accounts + gasless UX remove onboarding friction for non-crypto participants.

Competitive Landscape

The publishing and rights economy has seen attempts at digitization across multiple verticals — from traditional licensing portals to creator platforms and emerging tokenization services. However, none have yet delivered a **compliance-first, end-to-end infrastructure** for publishing, licensing, royalties, and AI integration.

1 Web3 Publishing & Creator Platforms (Steemit, Lens, Mirror, Paragraph)

Steemit pioneered blockchain-based content publishing with crypto rewards.

Lens Protocol enables decentralized social graphs where creators monetize directly.

Mirror.xyz allows tokenized publishing and crowdfunding for writers.

Paragraph focuses on crypto-native newsletters and subscriptions.

■ Strengths:

Web3-native, experimentation with tokenized content.

Strong focus on creator autonomy and community governance.

■ Limitations:

Lack of **compliance with securities regulations** -> not suitable for institutional investors.

Focused on content and community, not **royalty tokenization or publishing rights licensing**.

Limited integration with **AI, dataset monetization, and real-world compliance frameworks**.

2 Creator Economy Marketplaces

Platforms like **Patreon, Substack, Medium, OpenSea** empower direct-to-audience monetization.

Strengths: strong user adoption, community focus.

Limitations:

- No compliance with securities law.
- No automated royalty distribution.
- Weak applicability for **publishers/investors** seeking institutional-grade assets.

3 Book & Publishing Rights Platforms

Examples: **Publishers Marketplace, Frankfurt Rights, StreetLib**.

Strengths: targeted to book rights and professional publishing.

Limitations:

- Focused on discovery and negotiation, not execution.
- No tokenization, no automated smart contracts.
- Transactions still dependent on intermediaries.

4 RWA / Tokenization Players

Platforms like **Securitize, INX, Tokeny** lead in **tokenizing financial assets** (equities, debt, funds).

Strengths: regulatory expertise, MiCA alignment, institutional adoption.

Limitations:

- Focus exclusively on finance, not cultural rights.
- No IP-specific infrastructure (NFT licenses, authorship proof, AI dataset monetization).

5 IP Tokenization & AI Rights Protocols (Story Protocol and Similar Projects)

Story Protocol (\$IP)

Story Protocol is a **blockchain infrastructure focused on programmable IP tokenization and licensing NFTs**, enabling creators to register, license, and remix works on-chain.

It has positioned itself as a potential backbone for **AI-integrated IP commerce**, where AI agents can autonomously exchange licensed content.

Token data (Sept 2025):

- Market Cap: ~\$3,7 miliardi USD
 - Pice: ~\$12,6
 - Circulating Supply:: ~312,9M IP (~31% del totale)
 - Fully Diluted Valuation (FDV): ~\$12.2B
 - Listing price reportedly around ~\$0.5–\$1 in private/early sales.
-

Strengths:

- Pioneering programmable IP management and licensing NFTs.
- Strong focus on creator economy and AI integration.
- Significant token traction with multi-billion valuation.

Limitations:

- **No RWA royalties tokenization:** focuses on IP licensing, not securitized cultural assets.
- **Compliance gaps:** lacks alignment with MiCA and securities regulation.
- **Primarily protocol-level infrastructure,** less accessible UX compared to Elze.io

How Elze Differentiates

Elze.io combines the strengths of all these approaches while solving their limitations:

Compliance-first security tokens (ERC-1400) for royalties, with KYC/AML built in.

Licensing NFTs paired with smart contracts, creating tradable, transparent licenses.

Smart accounts & gasless UX: onboarding non-crypto users with Web2 simplicity.

Tiered ELZE utility: discounts, AI assistants, and priority access.

AI monetization: dataset marketplace enabling compliant use of works in AI training.

Marketplace scale: unified infrastructure for authors, publishers, investors, and AI companies.

Platform	Compliance (KYC/AML, MiCA)	Royalties Tokenization / IP Tokenization	Licensing NFTs / Programmable Rights	AI & Dataset Monetization	User Experience (Smart Account, Gasless)
Steemit/Lens/ Mirror/ Paragraph	No compliance	None	Basic publishing tokens	None	High friction, wallet native
Patreon/ Substack/ Medium/ OpenSea	No securities compliance	None	Not focused on licensing	None	Web2-friendly UX
Publishers Marketplace/ Frankfurt Rights/ StreetLib	Legal contracts only	None	No NFT rights	None	Familiar UX, no blockchain features
Securitize INX/Tokeny	Full compliance (financial)	Tokenizes financial assets, but not IP-specific	Not focused on IP licensing	No dataset monetization	Institutional oriented
Story Protocol	Partially aligning with IP / rights compliance	Native IP tokenization (IP token)	Programmable licensing, NFTs tied to IP	Supports AI rights, dataset licensing	Mixed UX found, protocol-level onboarding
Elze.io	Compliance-first (KYC/AML, MiCA-ready token flows)	Royalties tokenization (ERC-1400)	Licensing NFTs paired with contracts	AI dataset monetization + tools	Smart accounts + gasless onboarding

Revenue Model

Elze.io's business model integrates transaction-based fees, tokenization commissions, and AI dataset licensing revenues, reinforced by ELZE token utility. We present three scenarios (Conservative, Base, Aggressive) to illustrate growth potential through 2030.

1 Revenue Streams

1. Marketplace Licensing Fees

- Commission on primary licensing transactions (books, articles, audio).
 - Discounts for publishers holding ELZE.
-

2. Royalties Tokenization & Secondary Trading

- Fees on issuance of ERC-1400 security tokens.
 - Transaction fees on secondary trading (discounted for ELZE tiers).
-

3. AI Dataset Monetization

- Licensing revenues from curated copyright-compliant datasets with automatic redistribution of revenues to creators.
- Revenue from subscription models for access to AI-based tools and agents

Risks & Mitigation

Every transformative venture carries risks. Elze.io acknowledges potential challenges in regulation, technology, adoption, and operations — and has designed mitigation strategies to minimize their impact.

1 Regulatory Risks

Risk:

Tokenized royalties are subject to financial regulation (MiCA, securities law). Copyright disputes may also arise in cross-border contexts.

Mitigation:

- Use of **ERC-1400 security tokens** aligned with MiCA and securities frameworks.
- Integration of **KYC/AML** procedures for all investors.
- Legal advisory board including experts in copyright, securities, and data protection.
- Collaboration with regulators and industry associations.

2 Market Risks

Risk:

Adoption of blockchain in publishing may be slower than expected; incumbents may resist disruptive models. Competition from generalist creator platforms could dilute market share.

Mitigation:

- Focus on **high-value verticals** (backlist licensing, royalties tokenization, AI datasets).
- Strong **B2B partnerships** with publishers, universities, and institutions.
- Incentive structures via **ELZE token** (discounts, priority access, AI assistants) to lock in early adopters.
- Global go-to-market strategy targeting **Europe first**, then North America and Asia.

3 Technology Risks

Risk:

Vulnerabilities in smart contracts; scalability issues under high transaction volumes; risks of data misuse in AI integrations.

Mitigation:

- **Third-party security audits** on all smart contracts.
- **Modular architecture** supporting Ethereum L2s and sidechains for scalability.
- **Gasless smart accounts** to guarantee smooth user experience even under load.
- **Secure data pipelines** and copyright-compliant dataset curation.

4 Operational Risks

Risk:

Treasury mismanagement or misuse of grant allocations; governance inefficiencies.

Mitigazione:

- **Transparent treasury management with on-chain reporting.**
- **Hybrid governance model:** community + compliance committees + foundation oversight.
- **Strict KPIs** for grant recipients (authors and developers).
- **Periodic financial audits** by independent firms.

5 Long-Term Sustainability Risks

Rischio:

Token price volatility could undermine utility adoption; changes in AI or publishing industry dynamics may affect demand.

Mitigation:

- **Dual revenue streams:** platform fees + RWA tokenization fees, reducing dependency on ELZE volatility.
- **Continuous R&D** into new cultural IP markets (music, film, research).
- **Adaptive governance** that can evolve with regulatory and technological shifts.

Impact & Vision 2030

1 Culture as a New Asset Class

For centuries, cultural production has been the cornerstone of education, innovation, and human progress — yet structurally under-monetized. Books, journalism, and creative works generate enormous intangible value but remain illiquid assets.

Elze.io transforms these rights into **investable, tradable, and compliant assets**, unlocking liquidity and new financing channels for creators and publishers. By 2030, cultural rights can represent a recognized sub-class within the \$16 trillion RWA market.

2 ESG & Sustainable Finance

Cultural assets are inherently **low-volatility, long-term stores of value**, aligned with the goals of sustainable and impact investing.

Environmental:

Blockchain infrastructure optimized via Layer 2 solutions ensures reduced energy usage.

Social:

Redistribution of royalties and dataset revenues fosters fairer creator economies.

Governance:

Compliance-first token standards (ERC-1400) guarantee transparency and investor protection.

This positions Elze.io as an ESG-aligned platform, bridging cultural capital with sustainable finance.

3 The Bridge Between Publishing, AI, and Global Finance

By combining licensing marketplaces, royalty tokenization, and AI dataset monetization, Elze.io establishes a **new bridge between culture and capital markets**:

For creators and publishers:

era pathway to sustainable revenue and global exposure.

For investors:

access to compliant, stable cultural RWAs with attractive risk-return profiles.

For AI companies:

ethically sourced and copyright-cleared datasets.

Vision 2030

By 2030, Elze.io aims to be recognized as the **global hub for cultural asset tokenization**, where:

Millions of creators notarize and license works through Elze.

Publishers use Elze to tokenize royalties and reach global investors.

Investors allocate part of their portfolios to cultural RWAs, diversifying beyond traditional finance.

AI companies train their models on compliant, creator-approved datasets.

Elze.io will thus stand at the intersection of **culture, technology, and finance** — pioneering a new paradigm for copyright, investment, and human creativity.

