

# MelodyBond

A New Harmony Between Artists and Fans

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## The Core Architecture

A secure and robust system built on a Foundry smart contract backend and a [Next.js](#) frontend, fully deployed and verified on-chain

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## Key Innovations

How we make DeFi Everywhere a reality using Account Abstraction, Token Bound Accounts and Real-World Assets

# The Value Chain is Broken



**Problem:** "I am a talented artist, but I need \$10,000 for my new album. Labels are gatekeepers, and they take up to 90% of my future revenue"



**Problem:** "I discover talent first. I stream my favorite artist 1,000 times, and they earn \$3. I want to invest in their success, not just be a consumer"

# MelodyBond: The DeFi Protocol for Music

A decentralized investment protocol where artists pitch for funding, and fans (as a DAO) collectively finance them in exchange for a share of future royalties.

- ⑥ **PITCH:** An artist applies to the MelodyBond DAO for funding (e.g., "\$10,000 for 50% of my next single")
- ⑥ **FUND:** The DAO, made of fans, votes on the proposal. If it passes, the artist is paid instantly from the DAO treasury
- ⑥ **PROFIT:** In return, the DAO collectively receives a Real-World Asset (RWA) NFT representing 50% of that song's future streaming revenue



# Making “DeFi Everywhere” a Reality



## RWA + DAO

We use a secure OpenZeppelin v5 Governor and Timelock architecture. The DAO – not the artist – has authority to mint new RWA NFTs, ensuring true decentralized ownership



## Account Abstraction

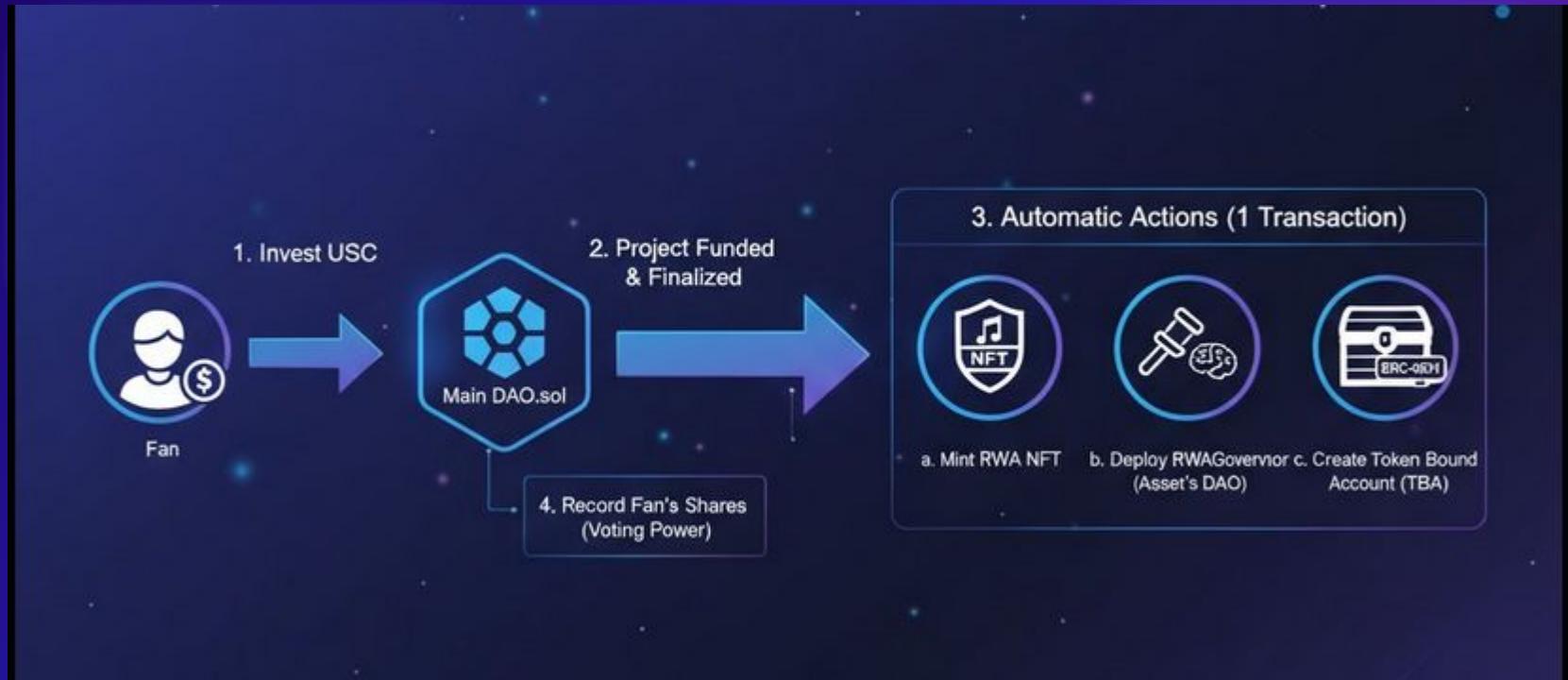
“DeFi is not everywhere” if it is hard to use. We solved this using **Privy** for social logins and a custom VotingPaymaster, we have enabled 100% [Gasless voting](#)



## Token Bound Accounts

This is our biggest innovation. Every RWA NFT gets its own on-chain treasury (ERC-6551). The asset’s DAO (RWAGovernor) directly controls this treasury. Enables automated, transparent profit distribution.

# Core Architecture



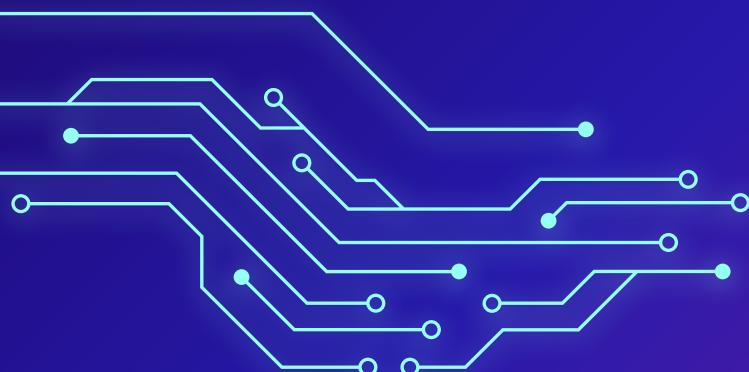
# LIVEDEMO





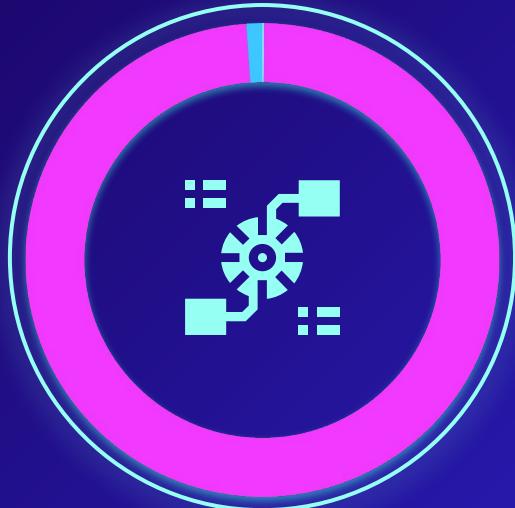
# 11.3 MILLIONS

Artists on Spotify as of 2025





# Spotify Monthly listeners



Approximately 86% of all artists on Spotify (around 9.7 million) have fewer than 10 monthly listeners

0.1%

Above 1 Million

Making \$10k+ a month

1.1%

Between 10k and 1 Million

Making \$500–5k a month

98.8% Less than 10k

Not making money at all!!!!

# THE MARKET FAILURE: “Pro-Rata” vs “Fan-Centric”

- 98.8% of artists on Spotify make almost no money

- “Pro-Rata” Model

- All streaming revenue (subscriptions, ads) goes into one single pool
- This pool is distributed based on total market share of streams
- **Result:** A fan's subscription money paid to hear your artist is actually distributed to global superstars

- “Fan-Centric” Model

- A fan's subscription money is divided only among the artists they personally listen to

**Market Validation:** The industry is already moving.

- SoundCloud pioneered "Fan-Powered Royalties"
- Universal Music Group & Deezer announced a partnership in 2024 to launch a "user-centric" payment model

# Data Comparison:

Metric	Legacy “Pro-Rata” Model	MelodyBond “True Fan” Model
Artist Revenue (from 1,000 fans)	~\$30-\$50 per year	~\$10,000-\$100,000+ per year
Fan’s Role	Passive Consumer	Active Investor & Owner
Capital Flow	Opaque, via 3rd-party pools	Direct, Transparent, On-chain
Time to Funding	6-12 Months (Label negotiations)	Instant (Upon DAO vote)

# PROJECT TIMELINE

Legal & Compliance (Q3 2026)

## RESEARCH

- Onboard first 10 artists
- Validate gasless voting & social logins



MVP & Beta (Q1-Q2 2026)

## LEGAL

- Implement “Legal Wrapper”
- Integrate Decentralized ID (DID) for AML/KYC



Growth & Integration (Q4 2026)

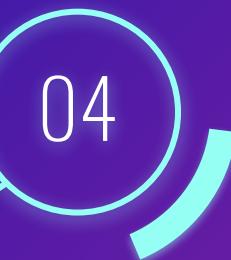
## IMPROVEMENT

- Develop API for music aggregators



## PROTOCOL

- Become the decentralized backend protocol for the entire “fan-centric” industry



Protocol Economy (Q1 2027)



# RESOURCES

- Revenue sharing at music streaming platforms, Bergantiños, G., & Moreno-Ternero, J. D. (2023):  
<https://arxiv.org/pdf/2310.11861.pdf>
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<https://publications.parliament.uk/pa/cm5802/cmselect/cmcumeds/50/50.pdf>
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- Death by 1000 'true fans': do marketing laws apply to music listening?, Anesbury, Z.:  
<https://research.monash.edu/en/publications/death-by-1000-true-fans-do-marketing-laws-apply-to-music-listening/>
- A Decentralized Autonomous Organization Fund Crowdsourcing Using Blockchain Technology:  
[https://www.researchgate.net/publication/381952208\\_A\\_Decentralized\\_Autonomous\\_Organization\\_Fund\\_Crowdsourcing\\_Using\\_Blockchain\\_Technology](https://www.researchgate.net/publication/381952208_A_Decentralized_Autonomous_Organization_Fund_Crowdsourcing_Using_Blockchain_Technology)
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<https://docs.daobox.io/educational/guide-to-dao-legal-wrappers>

# THANKS

Do you have any questions?

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