OXYGEN HUNTERS

Litepaper

A Web3 GameFi ecosystem inside Telegram: space-exploration gameplay, in-game DeFi staking and a peer-to-peer asset marketplace, powered by the OXY token on Avalanche C-Chain.

Version 1.0 · https://oxygenhunters.xyz

This litepaper is for information only and is not an offer or solicitation to buy or sell any token or financial instrument. Planned items, including the vesting schedule, are subject to change. See Section 11.

Contents

1. Abstract
2. Problem and Opportunity
3. Product: Three Integrated Modules
4. Game Economy
5. OXY Token Utility
6. Tokenomics and Vesting
7. Business Model
8. Technology
9. Team
10. Roadmap
11. Risks and Disclaimer

Key facts

Item	Detail
Project	Oxygen Hunters · Website: https://oxygenhunters.xyz
Category	Web3 GameFi · Telegram Mini App
Modules	Oxygen Hunters (game) · OxyFi (staking) · Oxygen Account (P2P marketplace)
Token	OXY · ERC-20 on Avalanche C-Chain
Max supply	100,000,000 OXY (hard cap enforced in the contract)
Contract	Mainnet deployment pending (fresh deployment on Avalanche C-Chain); independent security audit before TGE
Traction to date	70K+ organic registrations; 10K+ Season 1 players
Exchange	Coinstore listing secured
Initial circulating supply	15,000,000 OXY (15%) at TGE; reference price 0.01 USDT, FDV 1,000,000 USDT, initial market cap 150,000 USDT
TGE date	To be announced

1. Abstract

Oxygen Hunters is a Web3 GameFi ecosystem delivered as a Telegram Mini App. It brings gameplay, staking, an on-chain token economy and a player-to-player marketplace together in one product, with one account, one token economy and one asset inventory. Because it runs entirely inside Telegram, players start in seconds: there is no app to install and no separate sign-up flow.

The ecosystem consists of three integrated modules:

- **Oxygen Hunters (the game):** a strategic space-exploration game in which players command a fleet, run expeditions across 1,800+ missions, upgrade ships and collect NFT boosters.
- **OxyFi:** the in-game DeFi hub with wallet connect, NFT reward boxes (Multiverse Boxes), NFT collection sets and OXY staking across five tiers from 2% to 15% APY.
- **Oxygen Account:** a built-in P2P marketplace where players trade ship shard fragments and NFT cards they have earned.

OXY is the ecosystem's utility token: an ERC-20 token on Avalanche C-Chain with a maximum supply of 100,000,000, enforced by a hard cap in the contract. OXY emission is tied to player engagement rather than to time-based minting: players earn OXY by opening Multiverse Boxes found on expeditions, within daily limits, from a pre-allocated rewards pool.

Oxygen Hunters has already proven organic demand. Without paid marketing, the game reached 70K+ organic registrations and 10K+ Season 1 players. After Season 1 the project paused to prepare the launch of OXY, a new token on Avalanche C-Chain. The next stage is a fresh mainnet deployment of the OXY contract on Avalanche C-Chain and an independent security audit, the relaunch with Season 2, and the token generation event (TGE), with a Coinstore listing already secured.

2. Problem and Opportunity

The problem

- **High onboarding friction.** Many blockchain games ask new players to install an app, create a wallet, buy a token and learn an unfamiliar interface before they can play. Most casual players leave before the first session.
- **Shallow gameplay.** A large part of the first wave of Telegram games relied on simple tap-to-earn loops. When rewards fall, there is little gameplay left to keep players engaged.
- **Emission detached from activity.** Time-based token unlocks and rewards that do not depend on real activity create sell pressure without matching demand from players.
- **Closed in-game assets.** Items earned in many games stay locked in one game and cannot be traded between players.

The opportunity

Telegram Mini Apps let a game reach players directly inside a messenger they already use, with near-zero onboarding friction. Oxygen Hunters combines that distribution channel with deeper mechanics: strategic progression, collectible NFTs with real in-game effects, engagement-based token emission, tiered staking that rewards activity, and a player-driven marketplace.

The format has already been tested in the market. Oxygen Hunters attracted 70K+ organic registrations and 10K+ Season 1 players with no paid user acquisition, and it was featured among Coinstore ecosystem partners in Coinstore's 10-million-users milestone campaign. It is also listed in the TON App games directory.

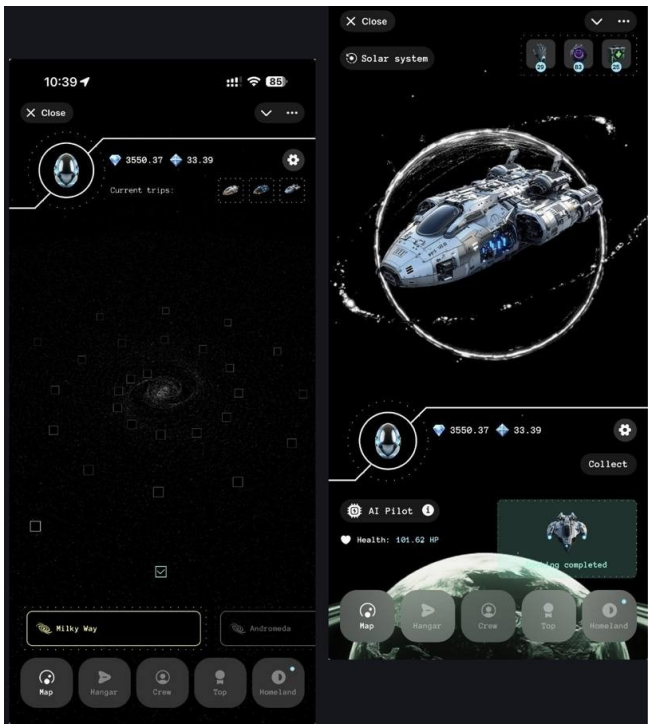
3. Product: Three Integrated Modules

Module	Role	Key functions
Oxygen Hunters	Core gameplay	Space exploration and fleet management; 1,800+ missions; dual currency (PROTO / PURE PROTO); ship upgrades; NFT boosters; AI Pilot
OxyFi	In-game DeFi hub	Wallet connect; Multiverse Boxes (NFT reward boxes); NFT collection sets; OXY staking in R&D pools across 5 tiers (2–15% APY)
Oxygen Account	In-game P2P marketplace	Player-created listings for ship shard fragments and NFT cards, settled by smart contract

3.1 Oxygen Hunters: the space-exploration game

Players act as fleet commanders, sending ships on expeditions across galactic systems to mine resources, collect NFTs and earn PROTO. Simple controls sit on top of deep progression.

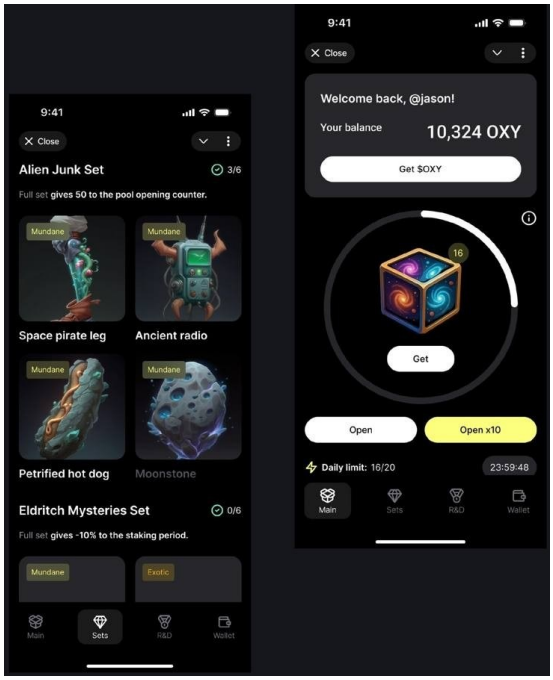
- **Expeditions:** 2 galaxies × 30 star systems × 30 missions per system, giving 1,800+ missions that vary in duration, difficulty and yield.
- **Fleet and ships:** players start with one basic ship and unlock new ship types by collecting shard fragments from expeditions. Each ship levels up to 80 and has 5 upgradeable stats (up to 60 points per stat) affecting speed, yield and durability. Artifacts add further improvements.
- **Boosters and automation:** Auto-Collector (automatic resource pickup), Medkit (restores ship health) and Chronometer (shortens expedition time). The AI Pilot upgrade runs expeditions on its own until ship health runs out.
- **Social and progression:** referral bonuses, achievements, in-game tasks and optional lore-driven quests.



Oxygen Hunters: galaxy map and ship view with AI Pilot

3.2 OxyFi: the DeFi hub

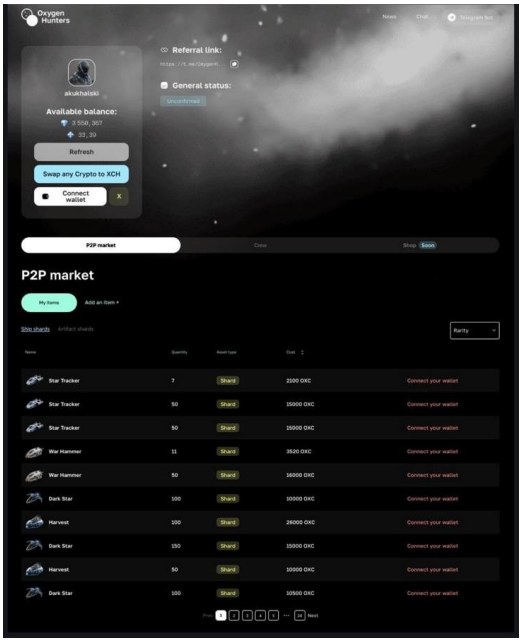
Players connect a wallet, open Multiverse Boxes, collect NFTs and stake OXY in tiered R&D pools with higher returns at each tier. Completing an NFT collection set gives in-game bonuses, for example adding to the box-opening counter or shortening the staking period.



OxyFi: NFT collection sets and the Multiverse Box screen

3.3 Oxygen Account: the P2P marketplace

Oxygen Account is a peer-to-peer trading platform built into the Mini App. Players list and buy the in-game assets they have earned: ship shard fragments and NFT cards, traded through smart contracts. Listings are created by players. Marketplace trades will settle in OXY.



Oxygen Account: the P2P market for ship shards

4. Game Economy

The Oxygen Hunters economy has two layers. In-game currencies drive everyday progression, and on-chain assets (OXY and NFTs) carry value between the game, OxyFi and the marketplace.

Asset	Type	How it is obtained	What it is used for
PROTO	In-game soft currency	Earned from expeditions	Basic ship upgrades
PURE PROTO	In-game premium currency	Purchases and referrals	Boosters and advanced features
OXY	On-chain utility token (Avalanche)	Opening Multiverse Boxes found on expeditions	Staking, progression, NFT bonuses, marketplace access
NFTs	On-chain assets	Expedition rewards and reward boxes	Passive boosters, collection-set bonuses, P2P trading

4.1 PROTO and PURE PROTO

PROTO is the soft currency that every player earns by completing expeditions. It covers basic ship upgrades and keeps free-to-play progression open to everyone. PURE PROTO is the premium currency. Players get it through purchases and referrals and spend it on boosters and advanced features such as upgrading ships and artifacts.

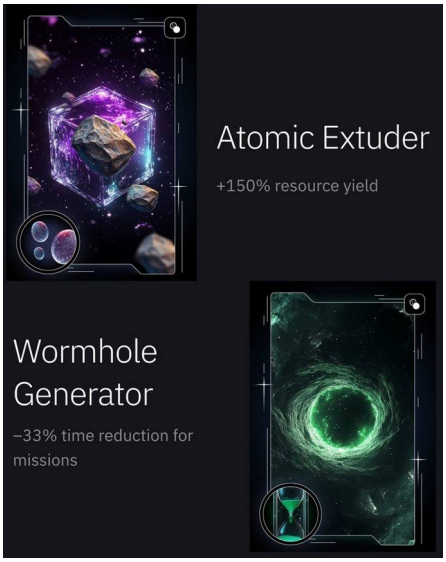
4.2 Multiverse Boxes

Multiverse Boxes are reward boxes obtained through expeditions and opened in OxyFi. They are the main source of OXY for players, and they can also contain NFTs. Box openings are capped per day, which links token emission directly to real play:

- Daily limit: 20 box openings per player.
- Average yield: 0.5–3 OXY per box.
- Completing NFT collections raises the limit to up to 30 boxes per day.

4.3 NFT boosters and collections

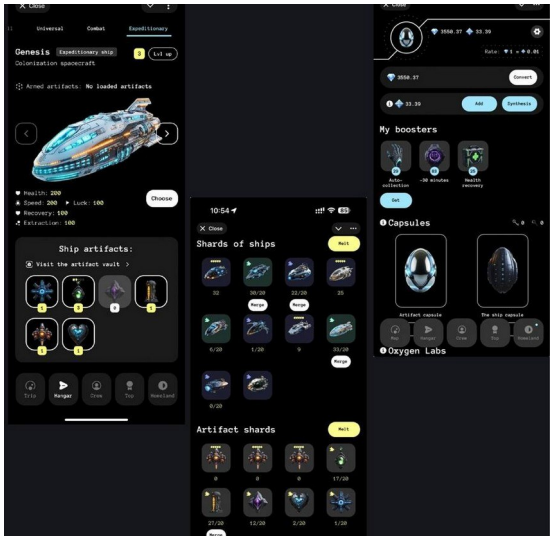
Expedition rewards include NFTs with passive effects, for example the Atomic Extruder (+150% resource yield) and the Wormhole Generator (−33% mission duration). NFTs are grouped into collection sets. Completing a set unlocks bonuses such as a higher box-opening counter or a shorter staking period, and completing any full collection opens the Exclusive staking tier.



NFT boosters: Atomic Extruder and Wormhole Generator

4.4 AI Pilot

The AI Pilot is an upgrade that lets a ship run expeditions on its own until its health is depleted. It reduces repetitive play while keeping ship health, and the boosters that restore it, central to the game.



Upgrade system: ship stats, artifacts, shards, boosters and capsules

5. OXY Token Utility

OXY is the utility token that connects the three modules:

- **Gameplay rewards:** players earn OXY by opening Multiverse Boxes found on expeditions.
- **Staking:** OXY is staked in OxyFi R&D pools across five tiers.
- **Progression:** OXY powers key gameplay mechanics and progression unlocks.
- **NFT bonuses and marketplace:** OXY is integrated with NFT collection bonuses and gives access to the marketplace; Oxygen Account trades settle in OXY.

5.1 OxyFi staking tiers

Players lock OXY in R&D pools to earn passive rewards. Higher tiers unlock through in-game activity (box openings) and collection progress, so yield depends on engagement and not on capital alone.

Tier	APY	Lock-up	Min. OXY	Unlock requirement
Basic	2%	1 month	0	Default for all players
Silver	5%	3 months	1,000	50 box openings
Gold	7%	6 months	3,000	200 box openings
Platinum	10%	12 months	5,000	600 box openings
Exclusive	15%	12 months	1,000	Completion of any full NFT collection

Unstaking before the lock-up ends incurs a penalty.

Staking rewards are paid from the Game Rewards & Staking allocation. The APY figures are the tier parameters of the staking system and are not a guarantee of returns.

6. Tokenomics and Vesting

Parameter	Value
Ticker	OXY
Standard and network	ERC-20 on Avalanche C-Chain
Max supply	100,000,000 OXY (hard cap enforced in the contract)
Gameplay emission	From the pre-allocated Game Rewards & Staking pool only
Contract address (Avalanche C-Chain)	Mainnet deployment pending (fresh deployment on Avalanche C-Chain)
Initial circulating supply at TGE	15,000,000 OXY (15% of max supply); reference issuance price 0.01 USDT; FDV 1,000,000 USDT; initial market cap 150,000 USDT
TGE date	To be announced

6.1 Token allocation

Allocation	Share	Tokens (OXY)
Core Team & Dev	15%	15,000,000
Investors & Partners	20%	20,000,000
Community & Airdrop	35%	35,000,000
Marketing	10%	10,000,000
Game Rewards & Staking	10%	10,000,000
Reserve	10%	10,000,000
Total	100%	100,000,000

6.2 Planned vesting schedule

The schedule below is the planned vesting. It is not yet final and may change before TGE. The final schedule will be enforced by on-chain vesting contracts set up before TGE and will be published with the TGE details.

Allocation	Planned release
Core Team & Dev (15%)	0% at TGE; 12-month cliff, then 24-month linear vesting
Investors & Partners (20%)	0% at TGE; 6-month cliff, then 12-month linear vesting
Community & Airdrop (35%)	10,000,000 OXY Season 1/2 community airdrop unlocked at TGE; the remaining 25,000,000 OXY released through community campaigns over 24 months
Marketing (10%)	2,000,000 OXY for launch campaigns unlocked at TGE; the remaining 8,000,000 OXY released monthly over 24 months as campaigns run
Game Rewards & Staking (10%)	Released only through gameplay emission (Multiverse Boxes) and staking rewards
Reserve (10%)	3,000,000 OXY market-making liquidity unlocked at TGE; the remaining 7,000,000 OXY locked for 12 months

6.3 Initial circulating supply at TGE

The planned initial circulating supply at TGE is 15,000,000 OXY, or 15% of the maximum supply:

Component	Source allocation	OXY	% of max supply
Season 1/2 community airdrop	Community & Airdrop	10,000,000	10%
Market-making liquidity	Reserve	3,000,000	3%
Marketing launch campaigns	Marketing	2,000,000	2%
Total at TGE		15,000,000	15%

Core Team & Dev, Investors & Partners and Game Rewards & Staking have no unlock at TGE. Game Rewards & Staking enters circulation only through gameplay emission and staking rewards.

At the reference issuance price of 0.01 USDT, the fully diluted valuation is 1,000,000 USDT and the initial market cap at TGE is 150,000 USDT.

6.4 Funding

Oxygen Hunters has been self-funded by its founding team. There are no external investors, no investment rounds have been held, and no public token sale (IDO, IEO or ICO) has taken place.

7. Business Model

Oxygen Hunters earns revenue from in-game activity. It does not depend on token sales:

Revenue stream	Description
Premium currency	PURE PROTO sold in-game, used for boosters and for upgrading ships and artifacts
Boosters and modules	Selected boosters and modules, such as the AI Pilot, sold directly
Marketplace commissions	Small fees on P2P trades in Oxygen Account
Staking penalties	Early-unstaking fees
NFT royalties	Royalties on NFT trading

7.1 Growth and community

- **Relaunch and Season 2:** the Mini App reopens with a Season 2 event for past players, with notifications through the bot and the referral program built into the game.
- **Season 1/2 community airdrop:** 10,000,000 OXY for Season 1 and Season 2 players, unlocked at TGE and tied to gameplay (box openings, missions and NFT collections), so that rewards go to real users.
- **Launch campaigns:** 2,000,000 OXY from the Marketing allocation for launch campaigns at TGE.
- **Exchange campaign:** a listing campaign with Coinstore covering announcements, PR, AMAs, community quests, and trading and staking events.
- **Holder retention:** OxyFi staking tiers and NFT collection bonuses reward holding and active play.
- **Community channels:** official X, Telegram channel and Discord, launched with the relaunch.

8. Technology

Layer	Implementation
Client	Telegram Mini App: runs inside Telegram with no install, with wallet connect
Application	Frontend and backend services for gameplay, progression, boosters and the economy
Token	OXY, ERC-20 on Avalanche C-Chain; mainnet deployment pending (fresh deployment on Avalanche C-Chain)
Digital assets	On-chain NFT boosters and collectibles
Marketplace	Oxygen Account: P2P trades of ship shards and NFT cards executed by smart contract
DeFi	OxyFi staking pools: 5 tiers, 1–12-month lock-ups, unlocked by in-game activity
Analytics	Internal analytics dashboard tracking registrations, DAU, sessions, referrals and expeditions

8.1 Why Avalanche C-Chain

Avalanche C-Chain is EVM-compatible, so OXY uses the standard ERC-20 interface and works with common wallets, explorers and tooling. This makes OXY easy to access for EVM users, wallets and exchanges.

8.2 Security

- OXY contract: mainnet deployment pending (fresh deployment on Avalanche C-Chain). The contract enforces a hard cap of 100,000,000 OXY, so minting is possible only up to the cap. The only burn function is a holder burn: holders can burn their own tokens, and there are no automatic burns.
- Before TGE, the new contract will undergo an independent smart-contract security audit, and its source code will be published on the block explorer after deployment. After TGE, the admin, minter and pauser roles are planned to move to a multisig.
- The allocation vesting will be enforced by on-chain vesting contracts set up before TGE.

8.3 Public resources

- **Official website:** https://oxygenhunters.xyz
- **Live demo (Telegram):** https://t.me/devsrealdemobot
- **TON App games directory:** https://ton.app/en/games/oxygen-hunters?id=3775
- **OXY contract:** mainnet deployment pending (fresh deployment on Avalanche C-Chain)

9. Team

Oxygen Hunters is built by a remote core team of game developers, blockchain engineers and community and marketing specialists, led by the project founder.

Alexander Kukhalski, Founder: https://www.linkedin.com/in/alex-kukhalski/

Core team: game development, blockchain engineering, community and marketing (remote team).

The project has been self-funded by the founding team.

10. Roadmap

The roadmap is organised by phase. Target dates will be announced as each phase is scheduled.

Achieved

- Built a complete Telegram Mini App with three modules: Oxygen Hunters, OxyFi and Oxygen Account
- Ran Season 1 with 10K+ players; reached 70K+ organic registrations with no paid marketing
- Featured among Coinstore ecosystem partners in Coinstore's 10M-users campaign; listed in the TON App games directory
- Designed OXY as an ERC-20 token on Avalanche C-Chain with a 100,000,000 hard cap
- Secured a Coinstore listing

Next steps

Phase	Focus	Key deliverables
Phase 1	Mainnet deployment and audit	Fresh mainnet deployment of the OXY contract on Avalanche C-Chain; independent smart-contract security audit
Phase 2	Tokenomics setup	On-chain vesting contracts set up for all allocations
Phase 3	Brand and community	Official website (https://oxygenhunters.xyz), litepaper and public roadmap; X, Telegram channel and Discord
Phase 4	Relaunch	Product relaunch and Season 2
Phase 5	TGE and listings	TGE (date to be announced) with 15,000,000 OXY initial circulating supply, including the Season 1/2 community airdrop; centralised exchange listings, including Coinstore; CoinMarketCap and CoinGecko tracking
Phase 6	Ecosystem growth	Oxygen Account trades settled in OXY; new seasons and content

11. Risks and Disclaimer

11.1 Key risks

- **Launch readiness:** the mainnet deployment and the security audit have not yet been completed, and delays or technical problems are possible.
- **Smart-contract risk:** smart contracts can contain vulnerabilities even after an audit.
- **Relaunch and adoption:** the game is paused ahead of the relaunch. Player activity after the relaunch may differ from Season 1, and past traction does not guarantee future results.
- **Planned parameters:** the planned vesting schedule, the TGE parameters and the listing timing are not yet final and may change.
- **Market risk:** the value of OXY may be volatile, and liquidity may be limited. Staking APY figures are tier parameters, not guaranteed returns.
- **Regulatory risk:** rules on digital assets differ between jurisdictions and may change. Access to OXY or to some features may be restricted in some jurisdictions.
- **Platform dependency:** the product depends on Telegram, Avalanche and third-party wallets and services that are outside the project's control.

11.2 Disclaimer

This litepaper is provided for information only. It does not constitute investment, financial, legal or tax advice, and it is not an offer, prospectus or solicitation to buy or sell OXY or any other digital asset or security in any jurisdiction. OXY is a utility token designed for use within the Oxygen Hunters ecosystem and does not represent equity, ownership, profit-sharing or any claim on the project or its revenue.

This document contains forward-looking statements, including the roadmap, the planned vesting schedule and planned features. They reflect current plans and are subject to risks and uncertainties,

so actual results may differ materially. All parameters may be updated, and the latest version of this document takes precedence. Readers should do their own research and seek independent professional advice before taking part in any digital-asset activity.