



Decentralized Aviation

Whitepaper



**Without continual growth
and progress, such words
as improvement, achievement,
and success have no meaning**

- Benjamin Franklin



This document defines the vision and flight plan for Aerovek Aviation and in no way, shape or form represents financial advice or a request for investment. Please be aware that the crypto currency market in general is extremely volatile.

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Introduction

Give the tools to the people and disruption will seem both sudden and natural. The rise in blockchain technology has allowed us to challenge the status quo and build a better tomorrow. It has allowed us to rethink the impossible, and innovate at exponential levels. There was once a day when flying seemed impossible, now we are planning a trip to Mars.

At Aerovek, we are building a community of innovators, pioneers, out-of-the-box thinkers, and risk-takers to disrupt the aviation industry and create a fully decentralized network. Aerovek is available in every country with no limits. We are a 100% peer-to-peer platform that promotes the idea of no middle man. Each user will deal directly with other users.

Abstract

Aerovek Aviation is a social-economic platform designed and optimized to be a one-stop shop for everything aviation-related in a decentralized, community-governed, peer 2 peer environment.

Aerovek is the first of its kind. We coined the term Social Economic Platform (SEP) for the way our platform is different from any other. We found ourselves in a unique position, at the intersection of passion for aviation and technology, to leverage blockchain technology with the purpose of enhancing equity for all the participants, incentivizing outcomes, and creating the context for the Aviation community to thrive together.

Aerovek is so much more than a product or an app. Our focus is to create the largest and most passionate web3 community for both crypto and aviation. Think of Aerovek as decentralized aviation integrated vertically. One place where you can do anything aviation-related, efficiently, affordably, securely, and all on-chain.

- Buy, sell, and trade aircraft & aircraft parts
- Find local flights, pilots, passengers, and flight schools
- Learn about aviation, crypto, DEFI, and WEB3
- Create and vote on governance proposals
- Earn passive income through staking & rewards

On top of all things decentralized aviation, we also provide tools and resources for crypto enthusiasts in our ecosystem to better tackle the current challenges in today's web3 world.

Why Elrond

Dare to believe what is possible with **AERO & EGLD**

Elrond is a high-throughput, low latency layer one blockchain protocol that we believe harnesses the necessary power for Aerovek to reach critical mass. Both the Elrond network and Aerovek Aviation align very similarly in values and goals. The Elrond network's capabilities outperform the competition.

- Infinite Scalability - Adaptive state Sharding & and Proof of stake.
- Near-instant Transaction Speed - +15,000 TPS with Negligible fees <\$.01
- Developer friendly - Smart contract capability
- True decentralization- 3200 Validators, Secure Proof of stake.
- Security - Randomly selected block proposer with zero downtime since launch.
- NFT Innovation - NFT minting is effortless and instant at low-cost

Elrond's security, scalability, and smart contract capabilities allow developers on Aerovek to build next-generation technology that supercharges the aviation industry. With this technology Aerovek will be able to:

- Onboard users easily and more efficiently by replacing the long alphanumeric wallet address to a handle - @name which on the Aerovek Platform is called a "call sign".
- Implement pilot, passenger, and investor information as NFT's such as an Aerovek pilot identification.
- Pay and receive payments instantly at negligible cost.
- The possibilities are truly endless with the combination of Aerovek's creativity and Elrond's technology.

Features

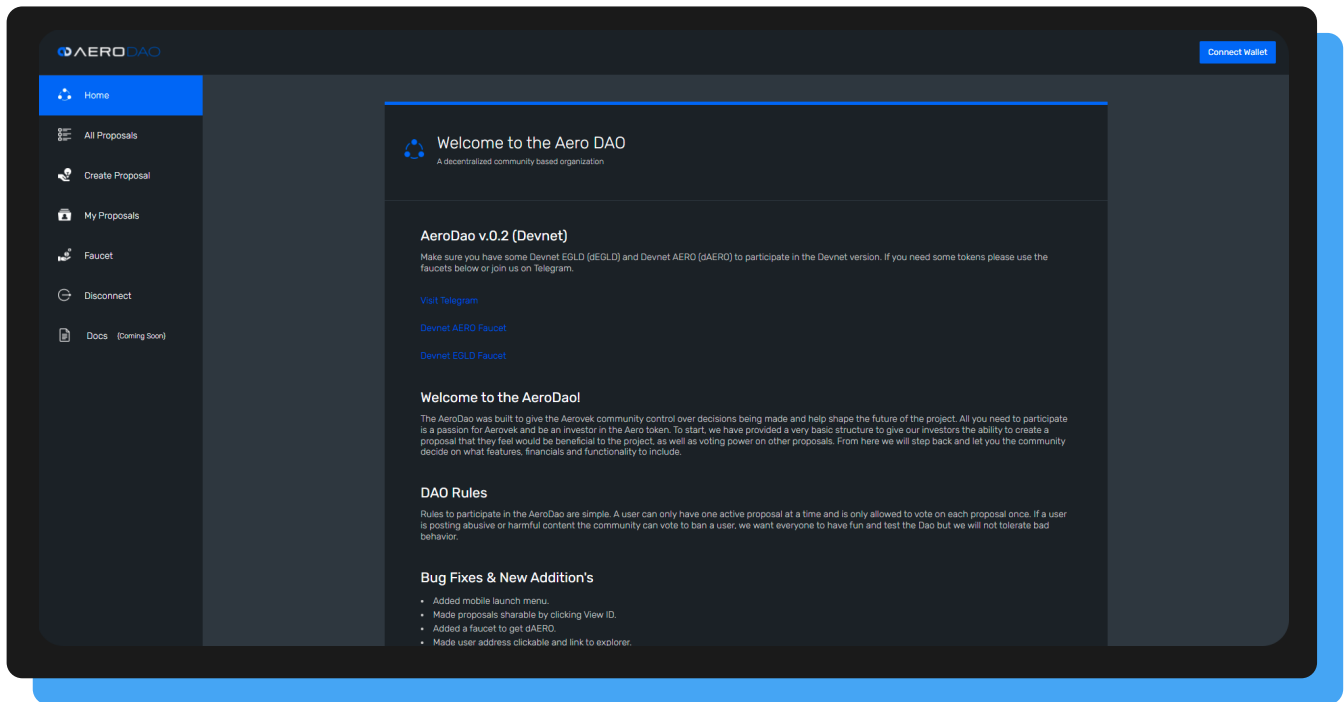
DAO (Decentralized Autonomous Organization)

We believe in creating a trustless, 100% transparent, and verifiable network and community. This is why we have made the easy decision to create the AeroDAO, the governing entity of the Aerovek ecosystem.

The Aero DAO is considered a true DAO meaning that every proposal and vote is 100% on-chain flowing through our custom-built smart contracts. The community will govern the Aerovek Project & EVERYONE will have a seat at the table and vote on how the project will expand.

Proposals will come from team members to keep things uniform and focused on the current task. Only one proposal will be active at a time but any AERO investor can participate in voting on a proposal. We will also separate the DAO based on function, so marketing, partnership, development, financials, etc initiatives will not co-exist.

The smart contract functions as an immutable database, allowing for data to be stored on the blockchain so it can be verified by anyone at any time. Each proposal and vote is stored on the blockchain and tied to the user's address to be able to confirm its legitimacy.



Lounge

The Aero Lounge is the nucleus of communication for aviation enthusiasts, students, and professionals. This is where the Aero community shares insightful and relevant information with the masses. The social network has all of the standard functions as any such as views, likes, shares, sending, and commenting. The lounge will be fully integrated with all other aerovek products and is censorship-resistant.

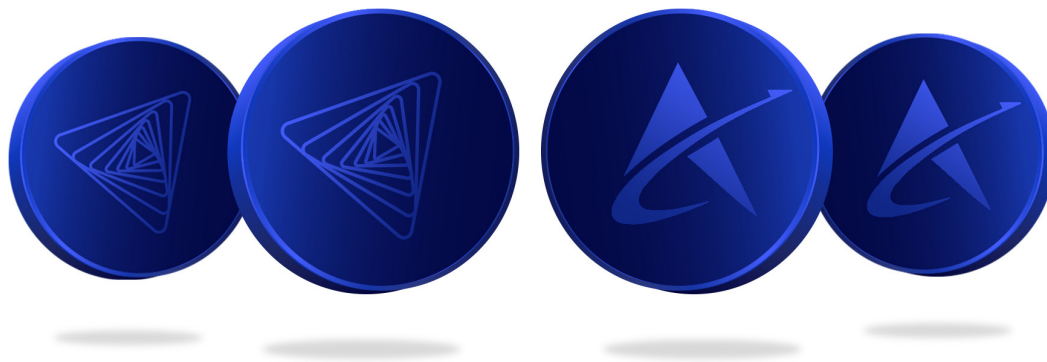
“ I love popping into the lounge and reading the great posts in here. It's always really interesting and insightful. I strongly believe it's going to be a real feature of the Aerovek ecosystem that draws users in... ”

\$Aero & \$Atip tokens

The Aerovek Token (AERO) is our ESDT (Elrond Standard Digital Token), which shares the same qualities as \$eGLD. AERO facilitates the functioning of the Aerovek ecosystem. AERO holders will have governance over members' proposals and all future endeavors.

The Aerovek Tip Token (ATIP) is our ESDT that is received by posting quality and informative content in the Aerovek lounge as well as more platforms coming soon. Aero-Tips (ATIP) is a community token made by Aerovek with the purpose of rewarding content creators on the Aero platform. It can be used by any user to tip any user they wish. Aerovek will also create a trading pair on the Maiar Dex for ATIP & will continue to add more utility for ATIP as it becomes available.

Both AERO and ATIP can be transferred and received by selecting a user's callsign. You can also visit the Elrond explorer and be able to verify every transaction, number of holders, circulation supply, transaction amount, and much more. Everything our team does is 100% transparent.



Aero Wallet

The new Aero wallet offers users the ability to track market prices and charts for AERO, ATIP, EGLD & MEX. Incorporated NFTs so users can view, make them a profile pic with the click of a button, transfer, and see the rarity details for each NFT. The lounge, user accounts, and the DAO will all be incorporated into the wallet dashboard.

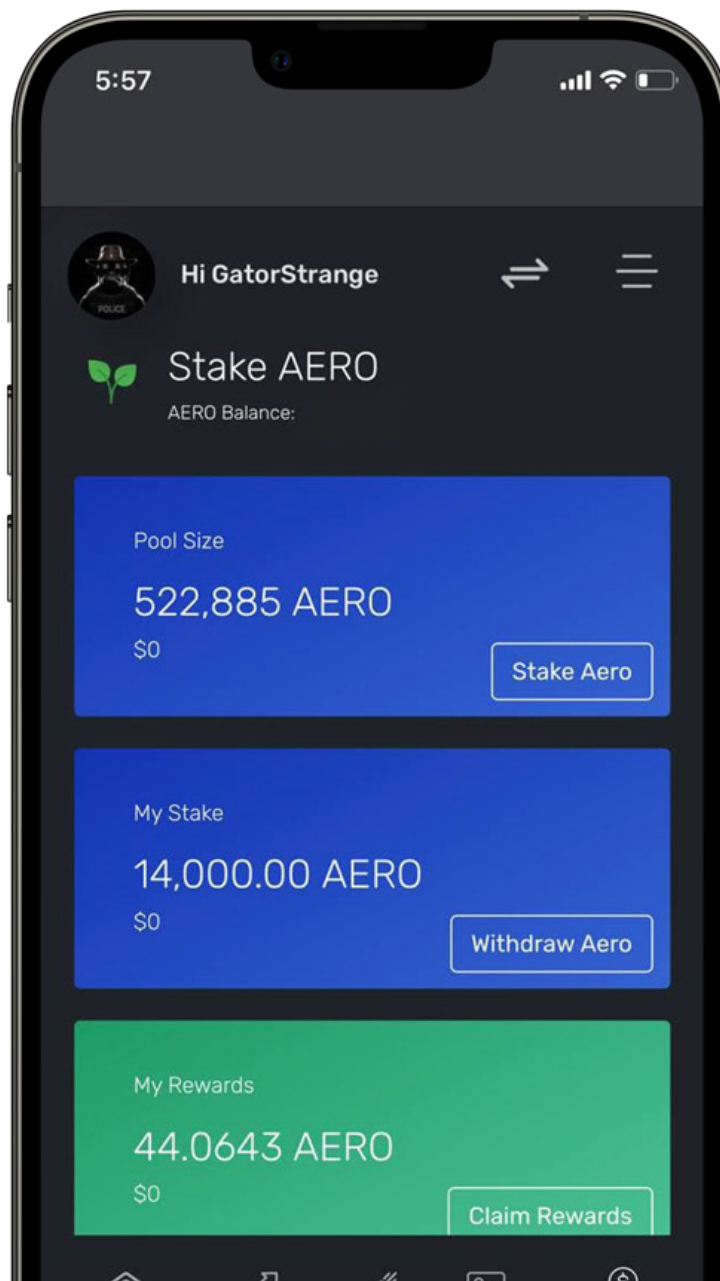
The wallet immediately connects to the Maiar app seamlessly and effortlessly. When creating an account on the Aerovek platform a user will create a Callsign, this will store your Aerovek username (Callsign) on the blockchain similar to a Maiar Herotag and automatically store your public address on aerovek to unlock wallet functionality. Users can then send any ESDT token or EGLD to you with just your Callsign. You do not need to worry about your private wallet information being at risk as the Elrond wallet connect functionality Aerovek uses does not release any private information, just your public address.

The Aero wallet is not a storage wallet, meaning we use Maiar Wallet connect to provide wallet functionality. All security, storage, and transaction signing are done inside Maiar and Aerovek will never store any personal wallet information.



Staking

We incorporated Aero staking so users can stake their Aero and earn up to 50% APR (Adjustable). Rewards are calculated every 2 seconds and users can withdraw anytime after the initial 3 day waiting period. The fees from the DAO will go into the staking pool to increase the overall pool payout along with a deposit from the Aero foundation.



Roadmap



Q1 2022

- AERO Token Listing
- Website Launch
- Whitepaper
- Social lounge V2
- Dashboard V2
(Wallet | User Account | Aero Staking)

Q2 2022

- DAO Launch
- Pilot Ambassador Program
- Referral Program (Users)

Q3 2022

- Pilot Dashboard
- Business Portal
- NFT Integrations

Q4 2022

- Strategic Partnerships

Q1 2023

- Flight Charter Launch

Q2 2023

- Aviation Marketplace

Flight Charter

While many people are aware that it is possible to fly with a private charter, the legend is that the privilege of flying private is reserved strictly for the elite due to the exorbitant cost; thus, the idea itself that you could fly with a private charter is simply dismissed. This is not a surprise, everyone is familiar with the issues and inconveniences of traveling commercially:

- Scheduling hassle
- Constant delays
- Long unnecessary connecting flights
- Limited destinations,
- Security TSA

As well as the problems associated with the scalability of private air travel:

- High cost
- Safety concerns
- Small customer base
- Environmental Concerns
- Speed of the aircraft

Although with the rise of out-of-the-box thinkers and blockchain technology the next step in air travel can finally transpire. The flight charter will function 100% on the blockchain through the use of smart contracts, giving pilots and passengers a transparent method of tracking flights and payments.

The Aerovek private charter service will combat all of these issues as there will be nowhere we cannot go. The Aeroride platform will be able to connect pilots of private aircraft with local passengers as an aerial rideshare application. Due to the extreme speeds and low-cost nature of transacting on the Elrond network, fees will be minute. Since these pilots and passengers will be a part of the Aerovek ecosystem they will have access to many more potential flights and customers than usual yielding them a wider customer base and opportunity. Our users will also be able to stake their holdings to earn massive APR WHILE THEY FLY. By skipping the middlemen pilots will be able to earn what they finally deserve, those Aero rewards will then be flown back into the ecosystem through staking, tipping, transacting, buying and selling and so much more.

Due to the nature of flying privately, our passengers will be saving money by “skipping the line”. Aeroride users will be flying safer. Yes, private aircraft are generally newer and meticulously maintained, and operators engage in safety and security protocols that often go beyond the kind of screenings that are done for commercial flights. The whole time helping the environment as well. Yes, the Elrond network is the first and only carbon-negative blockchain. By supporting us and them you are contributing to environmental and ecological conservation.



Marketplace

Since we have developed the lounge with extensive engagement, and an incredible demand for private aviation we will construct our own internal marketplace combining the thought of the lounge and charter service. Users will be able to buy, sell, and trade, planes, parts, and anything and everything aviation-related. This gives the Aero token an additional layer of utility while creating a more immersive experience for our users. As we mentioned before, our goal is to create a one-stop-shop for everything decentralized aviation.

Business Portal

The Aerovek business portal gives pilots and aviation professionals a seamless, cheap, and fast way of accepting payments from customers while keeping all of their records organized. You can generate invoices and send them directly to customers for instant payments without the need for any middle man and with negligible fees. Another key feature will be business reporting and analysis, providing a window to track your customers and business growth. If offering pilot services, users can generate an NFT flight ticket to send to customers that can be uniquely branded with your company image while being secure and tamper-proof. We believe the Aerovek business portal will redefine how business is done in this new fast-paced environment.

Mission, Values, Goals:

Mission

To make private aviation more accessible

Values

Education **Innovation** **Disruption** **Fearlessness**

Decentralized **Economic Equality** **Trust** **Globalization**

Goals

- TRUE Decentralization, give all power and responsibility to our users.
- Become the largest global community of crypto and aviation enthusiasts.
- Live on the cutting edge, until we create the impossible.
- Establishing more trust and transparency with our community every day.
- Bring endless value, utility, and use cases to users.
- Stay relevant by being off-script and never saying no to difficult problems.
- Flatten the global economy by progressing those who are unbanked and populations in economic and financial crisis.

Marketing Initiatives

Our marketing roadmap coincides with our project roadmap. We've broken our marketing initiatives into 4 phases:

Phase 1 - Build Foundation

- Website rebuild
- Whitepaper Rebuild
- Restructure branding
- Ongoing UGC (User-generated Content) Campaigns
- Build Community Management team and processes

Phase 2 - Build Community

- User referral Program
- Elrond Ecosystem Partnerships
- NFT Expansion
- Crypto ecosystem partnerships
- Brand Partnerships
- Evangelism

Phase 3 - Build Aviation Network

- PR
- Industry partners - Business Portal
- Flight ambassador program

Phase 4 - Build User Base

- World-wide marketing push
- Paid Advertising
- Paid Partnerships

Tokenomics

The fundamental vision and value proposition for Aerovek is decentralized aviation. And we do not take “decentralized” lightly. The way we define ourselves is not accidental but planned with accuracy. The governance body for Aerovek will be the AeroDAO and the governance token will be insured by the AERO token. The value of the \$AERO token is derived from its utility, which comprises how compelling the economy where it’s used is, governance and incentives. To create a compelling economy for the \$AERO token we identified the key challenges of the aviation industry, and as described in the roadmap, we are developing a social lounge, a marketplace for both parts and services, and a charter flights app. This will be complemented by future products and services specifically built for the aviation industry and designed to cater to all aviation-related businesses needs and rapid integration of future technologies.

In regards to the \$AERO token and its distribution, we made sure that every single step we took was optimized for decentralization

- Before our token was even listed, we implemented a dual reward mechanism for our Aerovek Staking Agency so that for every \$eGLD you stake you not only receive \$eGLD rewards but also \$AERO rewards. This resulted in \$AERO tokens to be distributed to over 1300 different wallet addresses.
- To ensure decentralization we made sure that no big amounts of tokens fall into a few hands. This is why we decided against any private sale to venture capital investors but also against a private or public sale of the tokens. Even if that meant that we had to fund our current development from our own pocket.

- We opted for a direct listing on the Maiar Exchange to make sure that any supporter of what we do has an equal opportunity to purchase the tokens.
- Even with a direct listing mechanism, we cannot control who or how many people buy our token. This is why we went even further by setting the initial liquidity to only 5% of our total supply of 100 million which translates into 5 million tokens initial liquidity.
- We allocated 15 million tokens for future listings thus, as our token becomes stronger in time, correlated with our development, future listings will ensure distribution of the token to as many people as possible.
- We also allocated more than 50% of all tokens to the DAO / Staking pool for the community to vote on how they should be distributed and when.
- The pilot ambassador program is designed to bring trained pilots into the ecosystem to help us shape the products for their specific needs. We are proud to announce that we already have 7 professional pilots in the program. The allocated pool for this program also includes the funds for a referral program for our users and the marketing allocation will be used to bring aviation businesses into the ecosystem, therefore, enhancing the token distribution between professionals and enthusiasts.

As you can see, our tokenomics structure is designed specifically to bring together businesses, professionals, and enthusiasts and allow them to interact in a decentralized manner, share equity, and align incentives for equal benefits. To bootstrap the development of all products, we propose the following model for the first year which includes a 5 million staking pool with 50% APR + compounding.

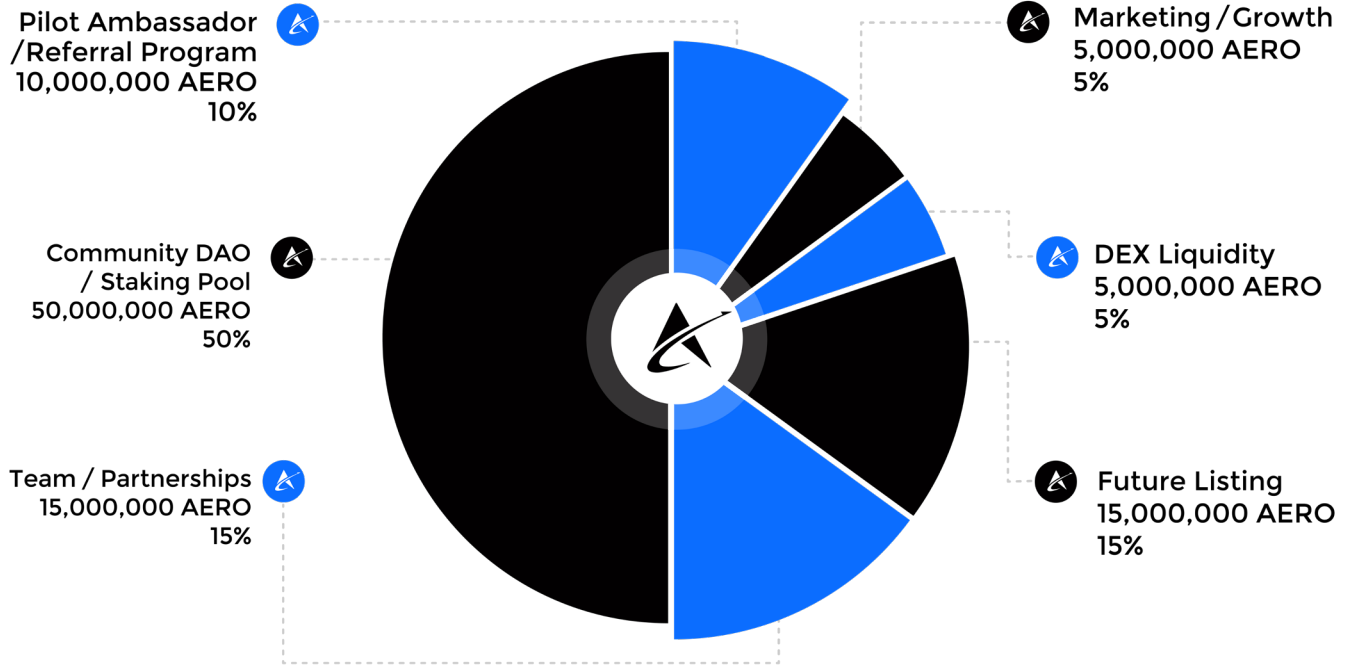
The first year proposal unlocks 10% from all allocations to bootstrap the project. While the community will decide how the rewards should be distributed starting with second year, by voting on proposals on the DAO, the team's token will be released in small daily increments plus quarterly bonuses (not different to a corporate structure) to ensure no big amounts are distributed at once but but keep it equitable for the efforts put in by the team.

■ Floating AERO supply generated by the Aerovek Staking dual rewards before AERO listing	320,000.00
■ Rewards generated by Aerovek Staking Agency - 5651 AERO per day for the 27.5k eGLD Staking pool for 365 days	2,062,615.00
■ Existing team. Expanding team, strategic partnerships	1,500,000.00
■ Ambassador Program	500,000.00
■ Marketing / Growth	500,000.00
■ Dex Liquidity	5,000,000.00
■ Total issued supply at the end of the year	13,122,615.00
■ Staking pool cap (50% APR + compounding)	5,000,000.00
■ APR	50%

The first year is our 0 to 1. Or in aviation metaphor, the plane accelerates from 0 to 100 for take-off. But to stay ahead as a blockchain project, we must be dynamic and act in accordance with what the data tell us about where we will be in terms of adoption, growth, projected revenue generated inside the ecosystem and so, the community will decide if the tokenomics distribution in the next years follows a step by step approach, or it's time to accelerate from 100 to supersonic to be at pace with growth. This dynamic approach in accordance with the emphasized decentralized nature of the Aerovek project translates into proposals submitted on the DAO by the community and voted on by the community in regards to how fast we should reach our maximum supply of 100 million tokens.

AERO ALLOCATION

Total Available Supply
100,000,000 AERO



Team

Developers



Ryan Dietz
Founder / Lead Developer



August Germar
Developer



Hai Pham
Developer

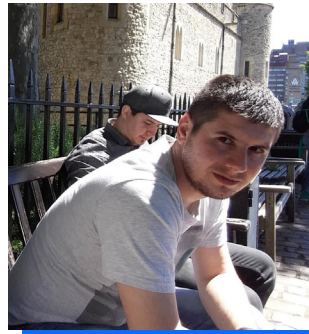
Marketing



Mike Valdez
Creative Director



Max Fitzpatrick
Marketing Director



Mircea Colceag
Creative Advisor



Robert Tayoto
Graphic Designer

Team

Community Leaders



Dan Stanovici
Community Leader



Salifu Zieda
Community Leader



Alexandru Slavu
Community Leader



René Ďuriš
Community Leader



Denis Rascarache
Community Leader



Alan Holman
Community Leader

Aero Ambassadors



Bogdan Curta
Pilot Ambassador



Gian Santos
Pilot Ambassador



Todd Horelica
Pilot Ambassador

Future Possibilities

It is in the Aerovek DNA to constantly be innovating and building tools for the future. We would be lying if we said we were going to stop at the flight charter application. With the number of bright minds in the blockchain and aviation space and the disruptive technology, we are almost certain the Aerovek brand will travel far and wide. Many areas of expansion are on the horizon:

- Helicopters
- Blimps
- Gliders,
- Paramotors
- Hot Air Balloons
- Drones
- Space Aeronautics

Every day there is a new company that is at the forefront of aviation innovation. There are so many interesting technologies being developed in the aviation space. Commercial freight via rocket, flying taxis as early as 2024, commercial aircraft traveling at speeds greater than 1,300 mph, and much more. While it's too early to talk about commercial space flights, the opportunities for our users are endless:

- Finding a flight instructor to learn how to fly.
- Learning how to jump out of an airplane.
- Is “partying on a plane” a thing yet? Why wouldn't it be?
- Finding a pilot nearby that could fly in the sky with the message “Mary, I love you, Will you marry me”?
- Sending a chopper to pick up your guests.
- What if I buy as a “gift card” a private flight for my family?

You get the idea. There's nowhere we can't go. Join the largest crypto aviation community in the world today.



Partners:



elrond



maiar

GNOGEN



@AerovekAviation



t.me/AeroDao



discord.gg/Bc6UaJtU