



CryptoCHEFS



White Pepper

Revised 17.09.2021

Contents

Disclaimer	3
Introduction	4
CryptoChefs NFT	5
CryptoChef Avatar	6
Pouches for recipes	6
Locking-up AROMA	6
Store	7
Game overview	8
Table 1: Glossary	8
Game Mechanics	9
Goals	9
Recipes	9
What is a recipe?	9
Burning a recipe	10
Foodies	11
The competition	11
Reward pool	11
Ranking and Rewards	12
Tokenomics	13
The AROMA token (ERC20)	13
Token model	14
Roadmap	15

Disclaimer

No content of <https://cryptochefs.io/>, hereinafter referred to as "website", nor any link or document on this website are a public offer of a security or any other financial instrument in relation with any company including the CryptoChefs team or any of its associated companies including (without excluding any other). This website or the whitepaper or any other associated content does not constitute any advice to buy, sell, or any solicitation of any offer by the provider of the AROMA tokens (the "token provider") to purchase any AROMA tokens. The fact of its presentation does not form the basis nor is to be relied upon in connection with any contract or investment decision.

The sale and transfer of the AROMA tokens will be performed by CryptoChefs. The proceeds of sale of the AROMA tokens will be deployed to fund the herein described cryptocurrency projects, businesses and operations. No person is bound to enter into any contract or binding legal commitment in relation to the sale and purchase of the AROMA tokens. Any agreement as between the token provider and yourself as a purchaser and in relation to any sale and purchase of AROMA tokens (as referred to in the whitepaper or this website) is to be governed solely by a separate set of documents setting out the terms and conditions of such agreement. In the event of any inconsistencies between the Terms and Conditions (T&Cs) and the content of this website or the whitepaper (white pepper), the T&Cs shall prevail. You are not eligible to purchase any AROMA tokens in the CryptoChefs ICO (as referred to on this website or in the whitepaper) if you are a citizen, resident (tax or otherwise) or green card holder of the USA, China, Singapore, Iran, North Korea or Syria.

No regulatory authority has examined or approved of any of the information set out on this website or in the whitepaper. No such action has been or will be taken under the laws, regulatory requirements or rules of any jurisdiction. The publication, distribution or dissemination of any content of this website, the whitepaper or any linked content does not imply that the applicable laws, regulatory requirements or rules of a specific country have been complied with. The CryptoChefs token sale website or whitepaper, any part thereof and any copy thereof must not be taken or transmitted to any country where distribution or dissemination of the whitepaper is prohibited or restricted.

There are risks and uncertainties associated with the AROMA token sale that should be taken into account. The companies of the CryptoChefs team and/or the token provider and their respective businesses and operations, the AROMA tokens, the CryptoChefs ICO including the loss of value of the issued token which can result in a complete loss of its value.

Disclaimer of liability

To the maximum extent permitted by the applicable laws, regulations and rules, the companies of CryptoChefs and/or the token provider as operator of this website shall not be liable for any indirect, special, incidental, consequential or other losses of any kind, contract or otherwise (including but not limited to loss of revenue, income or profits, and loss of use or data), arising out of or in connection with any acceptance of or reliance of the pre-sale, initial token sale or the whitepaper or any part thereof by you.

Jurisdiction and Law

Any claim or legal conflict arising from the pre-sale, the token sale, this website or the whitepaper or any associated material or link displayed on this website or information offered or given access through this website or any associated material shall be governed by the laws of Switzerland and the competent court of the city of Zug, Switzerland shall have the sole and exclusive jurisdiction.

Introduction

Welcome to the flavorful world of the CryptoChefs. CryptoChefs is a play-to-earn NFT game that offers fun trading competitions to its players. At CryptoChefs, seasoned traders create so-called “Crypto Recipes” which represent a crypto index fund and compete against other players’ recipes for daily, weekly, and monthly rewards. The aggregated real-world performance of each token within a recipe determines the overall performance and hence the ranking of the recipe.

There will only ever be 5’555 CryptoChefs NFT minted. But this is not the end of the game. CryptoChefs also offers its users to put on the foody’s hat. Foodies can simply stake on any recipe and earn 90% of their stakes’ profit. The remaining 10% is divided between us and the Chef who created the recipe.

The inclusion of Foodies adds another exciting dimension to the game and serves as a further motivator to create the best crypto index funds on the market. The Chefs with the best performing recipes receive the most rewards in AROMA. The concept of rewarding successful chefs incentivizes them to act in good faith in an environment, where investor knowledge is often low. Additionally, by gamifying the index fund experience, we spread awareness about the importance of diversification instead of putting all crypto eggs in one basket.



CryptoChefs NFT

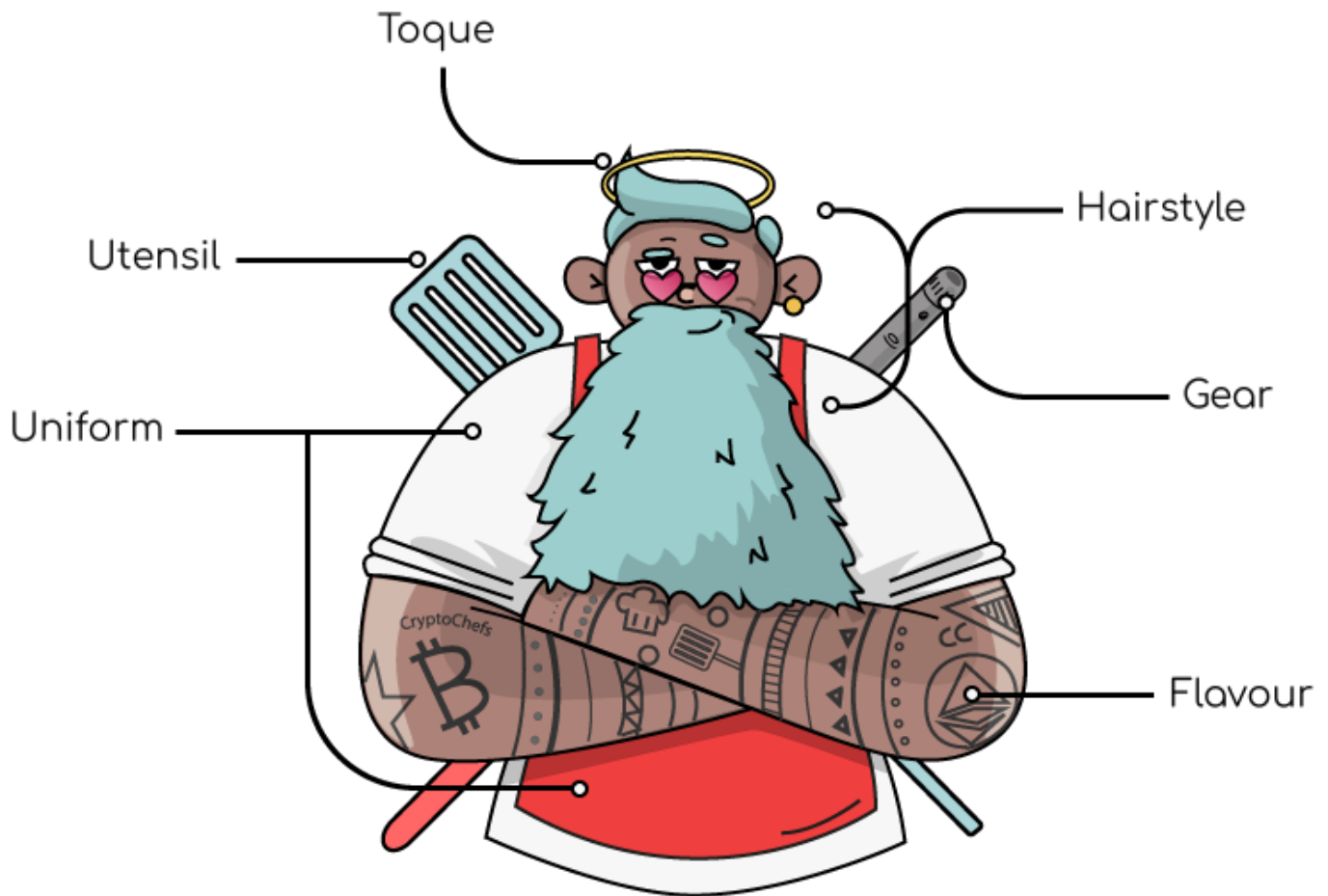


Figure 1: CryptoChef anatomy

CryptoChef is the NFT token that is based on the ERC721 standard and issued on the Polygon & Ethereum blockchain. Each CryptoChef token is unique, represents the player, and serves as a basis to play the game. Every aspiring Chef needs to first acquire a CryptoChef NFT through our own store, or third-party marketplace such as OpenSea.

The NFT, in the beta version, provides the following functions:

- Unique Chef Avatar
- Pouches for unique recipes (3 per token)
- There will be only 5,555 CryptoChefs ever to be minted.

Once a recipe is created, no other player is allowed to have the same ingredients with the same percentages (more about recipes in [Game Mechanics](#)).



CryptoChef Avatar

The CryptoChefs' images are deployed on the InterPlanetary File System (IPFS).

Each CryptoChef is made up of a base Chef (Hipster, Zombie, etc.) and the following traits:

- Toque
- Hairstyle
- Uniform
- Flavour
- Utensils
- Gear

Every CryptoChef is unique and created using a random avatar generator. Upon choosing a base chef, the generator iterates through each trait, randomly choosing one, and comparing the completed output to the already existing CryptoChefs.

Pouches for recipes

After buying a CryptoChef, a Chef needs to create a recipe to play the game and join the kitchen wars. Every CryptoChef comes equipped with three pouches that each hold a recipe. It is up to the Chef to create one, two, three, or no recipes at all.

Locking-up AROMA

To participate in the crypto kitchen competition and win rewards, players must stake AROMA in their recipes. Each recipe will then be rewarded in proportion to the staked AROMA and the recipe's performance based on the ingredients' real-world price changes (crypto prices are fetched from oracles). These tokens are locked up with the recipe and are not accessible for as long as the recipe is active. The minimum amount of tokens required is set at 200 AROMA without any upper limits. The more tokens are locked-up in a recipe, the higher the reward shares that the Chef receives.



Store

For a professional Chef, access to a store is just as important as the freshness of the ingredients used in the recipes. In CryptoChefs, our store is the ideal place to swap your MATIC for some fresh AROMA tokens, which you can use to get your hands on your unique CryptoChefs NFT. In the future, our store will also allow Chefs to trade their NFTs and haggle for the best prices.

Once you get your hands on a newly minted CryptoChef, it is time to sit back, relax and wait for the official NFT reveal. Every day at 20:00 GMT, all the NFTs that were sold during the day will be revealed.



Game overview

To get a better understanding of the concept, game mechanics, and logic, the following table provides an introduction to the CryptoChefs glossary.

Term	Definition
CryptoChef(s)	NFT token to participate in the game
Chef Avatar	Visual representation of a CryptoChef
Recipe	Metadata of the CryptoChef that consists of a list of ingredients, which represent a data pair of tokens and their percentages (5% steps) for a specific recipe, e.g. [BTC, ETH, SOL][50%, 25%, 25%]
Destroy a recipe	Destroying a recipe puts the pouch on a 30 day cooldown before a new recipe can be created.
Kitchen	This is the main application of CryptoChefs, where Chefs can create, review, and deploy recipes.
AROMA	ERC20 token that is used for buying CryptoChefs, creating recipes, and recipe name changes
Foodies	Players who don't create their own recipe and stake on others' recipes. They earn 90% profit of their stake.

Table 1: Glossary

The following chapters go into more details regarding the recipes, game mechanics, and reward system.



Game Mechanics

Goals

In short, the goal for each Chef is to create the best performing recipe, which has better performance for the defined timeframe than other recipes created by competing Chefs.

The next sections provide a detailed overview of how Chefs create recipes with their ingredients, the underlying mechanics of the competition, and the rewards.

Recipes

What is a recipe?

Just as every cook is famous for his/her signature recipe, our Crypto Recipes are the main part of the game and the signature of every Chef. The success of these recipes and thus the key to victory in this game are the know-how of the Chef, the current market situation, as well as the precise evaluation of current and future world events impacting the crypto space. The tastiest recipes consist of a minimum of three and up to a maximum of 20 cryptocurrencies in 5% steps. These cryptocurrencies are added to the recipes as metadata. Every recipe is unique and no other Chef is allowed to use the exact same recipe to play the game. Hence, the Chefs also need to bring creativity to the crypto kitchen to come up with innovative recipes and dominate the leaderboards. The images below illustrate how such game-defining recipes could look like:

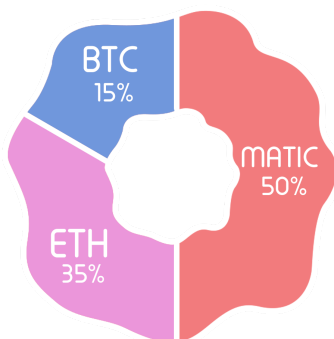


Figure 2: Recipe example

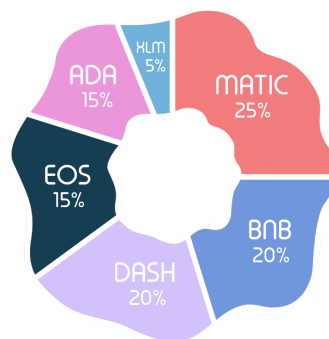


Figure 3: Recipe example 2



Professional Cooks enjoy their own food as proof that they love it. CryptoChefs follows the same principle, except that we lock AROMA tokens into the recipes we love. In this sense, before we can move on to the final step of creating a recipe, every Chef has to lock-up a minimum of 200 AROMA tokens in the recipe with no upper limit. The locked-up AROMA is used to calculate your share from the reward pools which is explained further below.

To finally complete a recipe, Chefs also have to give their signature recipes a fitting name for even more recognition value in the game. As the recipe name is also unique and part of the recipe, changing the name is possible in exchange for 200 AROMA tokens.

Burning a recipe

To remain successful, sometimes the menu of a Star Chef needs to be adapted. Thus, every chef can destroy his/her recipes to make room for something new. Destroying a recipe is especially handy for recipes that do not perform as well as initially thought and secondly allows Chefs to withdraw from the game. When destroying a recipe, 80% of the locked AROMA tokens will be returned to the wallet of the creator, 15% go to the platform as a fee, and 5% of the locked AROMA will get burned. Burning a recipe incentivizes Chefs to act in good faith and create the best possible recipes, diminishing the need of shilling. After destroying a recipe, the pouch goes on a 30-day cooldown phase. During the cooldown phase, only the remaining pouches can be used for creating recipes.



Foodies

Foodies love trying out new recipes and enjoy nothing more than to have a taste of the magical mix of ingredients that our Chefs come up with. Foodies can be professional or aspiring Chefs or might just enjoy having a taste of everything that our buffet has to offer. In this sense, they have the opportunity to stake AROMA tokens in a recipe that performs well by locking them up in that recipe. Foodies or Chefs earn 90% of their AROMA's allocation winnings of that recipe. The remaining 8% goes to the CryptoChef NFT that created the recipe, and 2% as a fee. There is no staking limit for Foodies.

The competition

The kitchen wars are fierce and every new starting Chef brings a new set of ingredients to the table. This section is dedicated to how the ranking and reward systems as well as the distribution of the rewards work.

Reward pool

The largest share (60%) of AROMA tokens is delegated to the reward pools. 90'000'000 AROMA tokens are divided into four sub-pools, namely: daily, weekly, monthly and event-based pools.

Pool	Allocated Amount (AROMA)	Monthly Depreciation
Daily	5'000 per day	1%
Weekly	50'000 per week	1%
Monthly	300'000 per month	1%
Event-Based	Depending on the event	none

Table 2: Overview of reward pools

To ensure that the competition theoretically lasts forever, the reward pools depreciate every month by 1%. Moreover, the CryptoChefs team will feed back 25% of AROMA tokens earned from fees to the reward pools.



Ranking and Rewards

The following table gives an overview of the competitions, the times of performance measurement and eligibility.

Competition	Time of measurement	Eligibility
Daily	Daily at 00:00 GMT	Recipe active for 24h
Weekly	Every Sunday at 00:00 GMT	Recipe active for 7 days
Monthly	Last day of the month at 00:00 GMT	Recipe active for the whole month
Event-Based	Specified at time of event	Specified at time of the event

Table 3: Time table and eligibility

To rank the performance of the Chefs, the smart contract uses a point system. First, it takes a look at how well the cryptocurrencies of each recipe performed in the real world in the given timeframe. Then the overall recipe's performance is calculated. Naturally, it is also possible that for a certain recipe, the price of all tokens used decreased in the given timeframe. In such situations, the chef receives no points at all and hence, ranks lowest. In this sense, the player with the highest score ranks in the first place and the others accordingly.

For the daily rewards, the points will be reset every day. In the weekly and monthly competitions, the points are aggregated over the respective time period. This means, a player that ranked in the lower ranks two days in a row, still has the chance to win the weekly as well as the monthly competition.

The distribution of the rewards is based on the performance of the recipes as well as the number of AROMA tokens locked in the recipes. The more AROMA tokens a Chef locked in the recipe, the higher the share of the reward pools that can be won. For example, if two Chefs achieved the same amount of points, Chef 1 who locked 50% more AROMA tokens in his/her recipe than Chef 2 will receive a bigger share of the rewards. This mechanic adds to the complexity of the game and motivates the Chefs to come up with the best strategies and increase the amount of locked AROMA to maximize their winnings.



Tokenomics

The AROMA token (ERC20)

AROMA is an ERC20 token and considered CryptoChefs' 'bread & butter'. Chefs use AROMA for all kinds of activities on CryptoChefs. Such activities include:

- **Recipes:** Chefs use AROMA to create recipes (lock up at least 200 tokens).
- **Staking:** Chefs and Foodies use AROMA to delegate them to existing recipes that they trust.
- **Purchases:** Chefs use AROMA to buy a CryptoChef.
- **Mini-Games:** At a later stage, we will introduce some mini games like a lottery where users can bet their AROMA in a smart contract. 10% of the pool will be burned, while 80% will be distributed to the winners and 10% will go to the CryptoChefs team as a fee.
- **Name Change:** 200 AROMA must be paid for changing the name of a CryptoChef.

There are two ways to buy AROMA. Chefs can either exchange MATIC for AROMA on our store or swap their tokens for AROMA using a liquidity pool such as Uniswap or PancakeSwap. We will publish the list of liquidity pools that offer AROMA tokens at a later stage.



Token model

The AROMA tokens are distributed as follows:

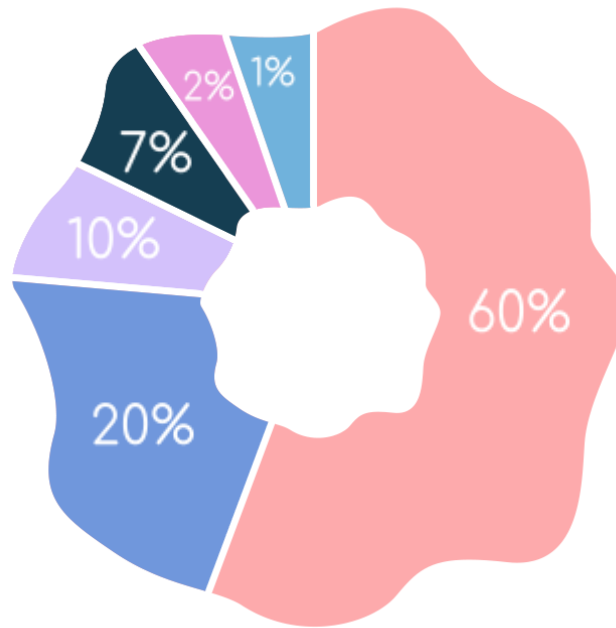


Figure 4: Token distribution

	Usage	Amount	Details
	Supply	150,000,000	The total supply of AROMA tokens
	CryptoChefs Platform	90,000,000	This amount is reserved for the reward pools
	Liquidity Pools	30,000,000	Uniswap, or other exchanges
	Fair-Pre-Sale	15,000,000	Publishing details soon
	Team	10,000,000	6 months lock, 5% monthly release after the lock period
	Marketing	3,000,000	These tokens are used for marketing activities. 250,000 will be released immediately, 5% of the remaining 2,750,000 will be released after the locking period is over
	Ecosystem Fund	2,000,000	The Ecosystem fund will be outsourced to an independent party to grow the CryptoChefs community. At a later stage, the ecosystem should be integrated with the DAO and AROMA holders can decide who receives funding

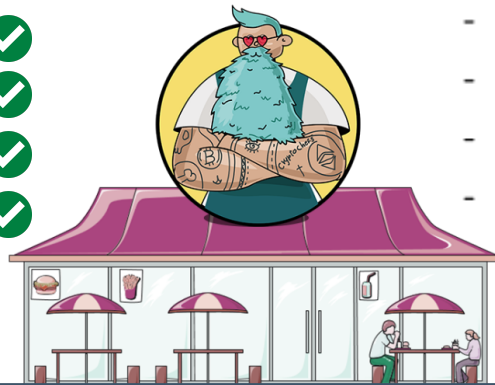
Table 4: Overview of token supply



Roadmap

- Release of White Pepper ✓
- Market Validation ✓
- Artwork Development ✓
- Prototype testing ✓

Q2



- Release Reward Manager v1.0
- Start Alpha Testing
- Referral System Release
- Exchange Listing

Q4

Q1

- Complete Concept ✓
- Project Planning ✓
- Initial Marketing ✓

Q3

- Release AROMA Smart Contract ✓
- Distribute Tokens through fair AirDrop ✓
- Release CryptoChefs NFT Smart Contract
- Release NFT Store & Launch Fair-Pre-Sale

