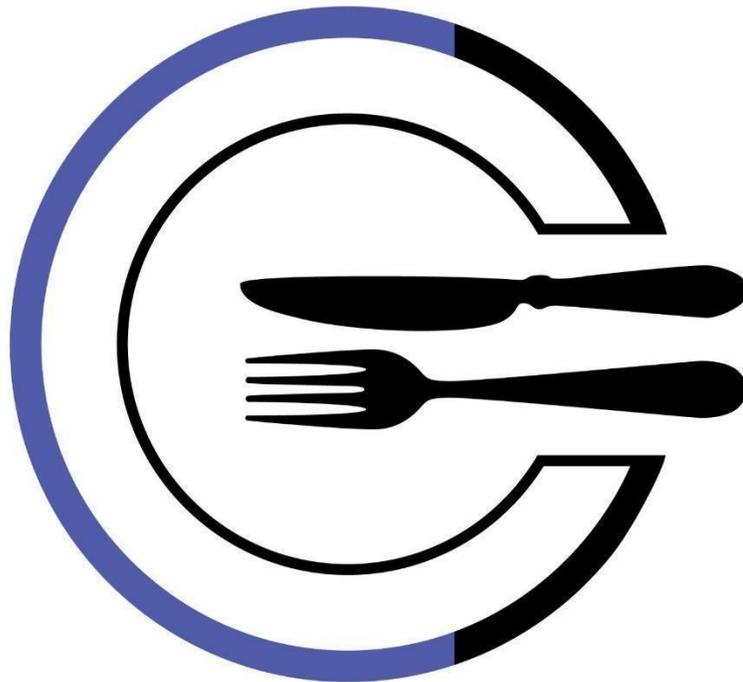


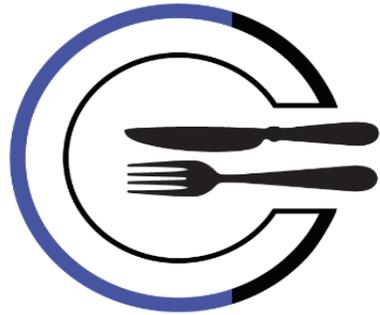
Calorie Token Whitepaper V2



Founders: [P.H.J. Hendrikse](#)
[L.A Visscher](#)
[S. Zoetman](#)

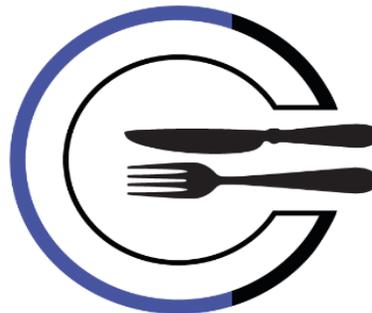
Chamber of Commerce: 84216352

Date: 20-01-2022



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Introduction

Calorie is an XRP Ledger FinTech-project focused on the food and beverage industry (F&B). Calorie is created by a team of engineers and entrepreneurs who believe in the future of crypto and tokenization. Calorie is a sub-token built on the XRP Ledger and aims to be the world's food token.

Why Calorie?

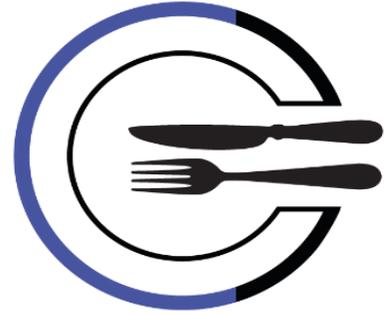
We believe that cryptocurrencies will take over the financial world. Cryptocurrencies and tokens will mainly be used for modern financial systems. Cryptocurrencies are faster and more sustainable than fiat money. Calorie runs on the XRP Ledger (XRPL) and is well known for its superior speed, low cost, scalability and sustainability. This allows developers and entrepreneurs to seamlessly transform existing applications and unlock entirely new user experiences across payments, foreign exchanges and many other industries. Calorie targets the worldwide F&B industry and aims to become the most used payment method within this industry.

Why are we doing this?

With Calorie, food can be obtained at all sorts of food distributors. It can be used in the entire F&B industry, such as home delivery, supermarkets, wholesalers and hospitality.

The development of digital money makes it possible to distribute digital tokens instead of money to provide people with their basic needs. Tokens are a by society accepted currency that are used to pay and receive services and/or products. Calorie might be able to help governments to support their citizens in satisfying one of their basic needs: food.

This development might progress slowly, and with Calorie, we are at the base of this development.



Mission and Vision

Mission

- **Establishing a diverse network of partners within the F&B industry**
 - Reaching out to potential partners in the F&B industry sharing our vision
 - Reaching out to software developers to help develop and implement the CalorieApp
 - Increasing brand awareness
 - Creating a worldwide Calorie community

- **Integrating payment applications for companies and consumers**

Integrating our system into existing systems:

 - Register payment applications for companies in the F&B industry
 - Customer web-apps
 - Transaction applications

- **Connecting all partners within the F&B industry**

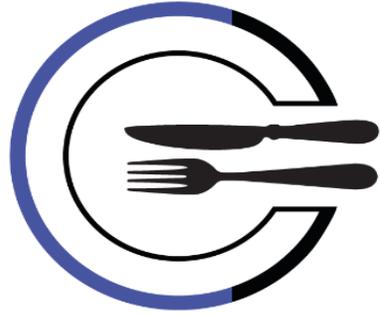
A globally accepted payment system with all the benefits of the XRPL. Calorie has the potential to be the bridge between all partners within the F&B industry.

- **Contributing to Corporate Social Responsibility**

Calorie runs on the XRPL which is known for its superior speed, low cost, scalability and sustainability. Calorie is easy to implement into any existing system and will help companies to enlarge their corporate social responsibility.

- **Contributing to a healthier (financial) lifestyle**

Besides being an F&B token Calorie could also contribute to a healthier lifestyle for all of its users by helping them track both their digital Calories and regular calories. Calorie Token wants to develop an application that helps people track their calorie intake and show all nutritional values of the products consumed. In addition to calorie tracking, the application could also be used to track Calorie payments for different time frames (daily, weekly, monthly, per order) so users can easily check their expenses.



Vision

- **Worldwide commercial integration of Calorie in the F&B industry**
 - **Currency for consumers**

Make and receive payments with the CalorieApp and exchange Calorie for other currencies within the XRPL. Users can for example order food online or collect it from companies that are connected with the CalorieApp.
 - **Currency for producers / merchants**

Producers within the F&B industry can integrate Calorie into their transaction system. Calorie could be used for transactions between i.e. but not limited to farmers, wholesalers and supermarkets. A system with which payments can be sent and received. Stock can be imported and connected to the database and cash register system so that products can be stored and processed.
 - **Currency for investors**

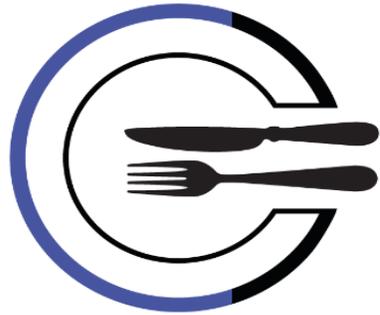
A system with which payments can be sent and received. The payment system is linked to the Accounting System (ACS) and Analysis System (AS)

- **Calorie as a token for governments to aid**

The development of digital money makes it possible to distribute digital tokens instead of money to provide people with basic needs, such as food and water. One of those tokens could be Calorie. Calorie can be used in different sectors within the F&B industry such as: as home delivery, supermarkets, wholesalers and hospitality.

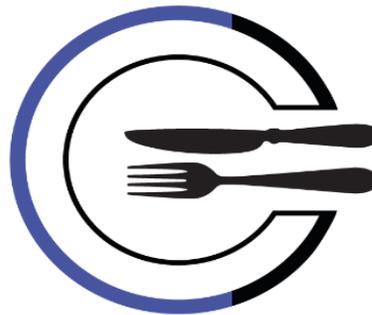
- **Worldwide Calorie community**

We aim to create a worldwide Calorie community. The community will be essential for Calorie to grow. The community will be involved into the decision-making process by polling opinions and monitoring feedback by users.



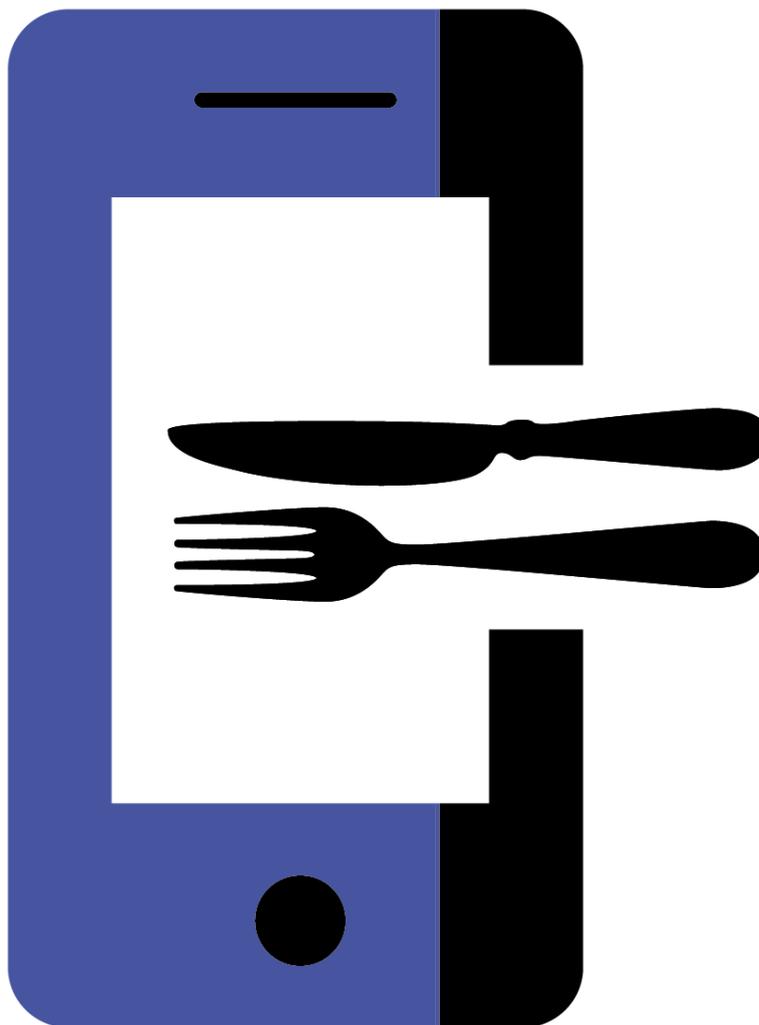
Token distribution

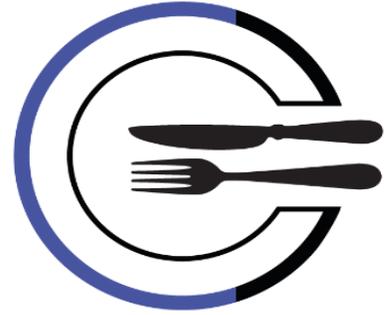
- **Community: 60%**
Sixty percent of the Calorie supply will be distributed to the community by means of airdrops, surprisedrops, giveaways and participation in community events.
- **Escrow: 20%**
Will be reserved for future adoption of Calorie i.e. but not limited to burning of tokens and/or anticipation for exchange listings.
- **Branding: 10%**
Will be used for increasing brand awareness, developing software applications and seeking partnerships to improve Calorie's utility.
- **Developers: 10%**
Will be used for future projects.



CalorieApp

Your XRPL-wallet integrated into a multifunctional Calorie application





Introduction

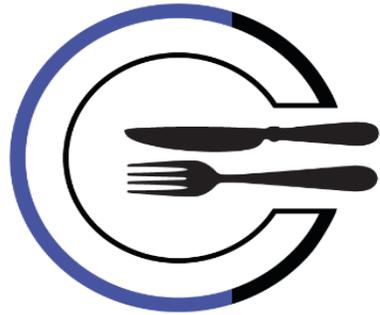
CalorieApp will be an application for everyone: the consumer, the producer, the seller and the investor. One clear, interactive and user-friendly application that can be used throughout the entire F&B industry. CalorieApp will be multifunctional and will have various functions and options for every user and target group. Use the CalorieApp for all your transactions in the F&B industry and keep track of your nutritional values and expenses at the same time.

Phased buildup

CalorieApp will come out in beta version first and will be built with simple features for consumers to use. The beta version of the app will be monitored and assessed constantly. The app will be launched officially after reassessment of user feedback and system improvements. In different phases new features will be added for better compatibility. CalorieApp will be constantly improving and users are key for the improvement of our app, there will be options to provide feedback and report errors in the system. Other user groups and corporate usage will be added to the app as the demand increases. The app will be easy to implement for anyone in the F&B industry. Calorie Token wants to increase its scope and partner with other established companies worldwide to improve services and reach.

CalorieApp Network

F&B companies that sell their products online, such as takeaway and delivery companies, can join the Calorie Token network to sell products via the CalorieApp. There, with an easy-to-use and appealing interface, they can import and edit their menu in the database and use the service to sell their food online. Supermarkets could integrate their delivery services with Calorie Token's service. In addition, inventory management systems and accounting functions can also be developed to increase utility and improve our service.



Main features

- **Payment system**

Users can make and receive payments with the CalorieApp and exchange their Calorie for other currencies within the XRPL in a convenient and easy-to-use interface. Pay on the XRPL with all issued XRPL tokens. Pay with your XRPL-address and associated trustline, send payment requests and easily send tokens to other users in your personal address book.

- **Portfolio**

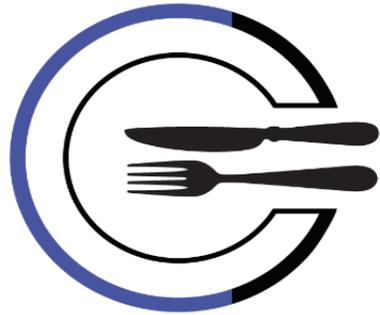
A portfolio for all your XRPL tokens. With this portfolio you have easy access to the current and previous status of your portfolio. This way you can see how much your XRPL currencies are worth converted into the most common cryptocurrencies and fiat money and easily analyze your financial situation and investment strategy.

- **Calorie DEX App**

CalorieApp wants to integrate the XRPL DEX to trade and send tokens. Integrate your wallet and trade currencies on the XRPL in a whim. If you are short on Calorie, easily exchange some XRP to Calorie on the Calorie DEX App. For example, XRP could be sold to buy Calorie, or Calorie could be sold to buy other XRPL currencies.

- **Profile**

With your profile you can identify yourself and your company. You can choose at any time from an anonymous profile or a public profile. For example, you can set up a public profile for your friends and network. When you make purchases with Calorie at affiliated companies, you can also choose an anonymous profile so that the personal data in your profile is protected.



Additional features

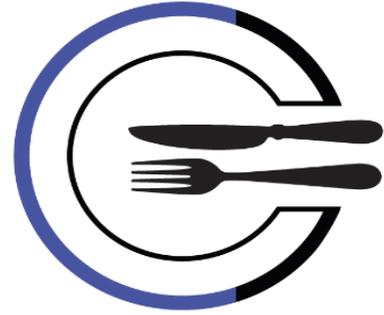
Consumers

- **Payment system**

Make and receive payments with the CalorieApp and exchange Calorie for other currencies within the XRPL. Users can for example order food online or collect it from companies that are connected with the CalorieApp. Food spending can be tracked for different time periods in a convenient and easy-to-use interface. Here you can see how much Calorie you have spent, what you have spent it on and what the value in fiat money at that time was, in a clear way. For example, you can see how much a particular order cost in Calories and/or USD, or how much you spent on food and drinks in a particular month.

- **Foodtracker System (FTS)**

Calorie Token promotes a healthy lifestyle and tries to contribute to this with the food tracker. With this food tracker you can easily keep track of your food intake. Here you can easily keep track of your nutritional values and calories and see what you have eaten in a certain period. You can also look up nutritional values of products in the database with the food tracker. Calorie Token wants to provide a database in which product information of beverage and food products is stored. All consumers can use this database. Users can submit requests for new products to supplement the database. These products are added to the database after the request has been approved. Personal data remains private and can be deleted by the user.



Merchants / Producers

- **Payment system**

A system with which payments can be sent and received. Stock can be imported and connected to the database and cash register system so that products can be stored and processed. The payment system is linked to the Inventory Management System (IMS) and Accounting System (ACS) and Analysis System (AS) so that when a transaction is performed, this data is also processed in the IMS, ACS and AS. Producers and merchants can use the address book to find each other quickly and work more efficiently.

- **Inventory Management Systems (IMS)**

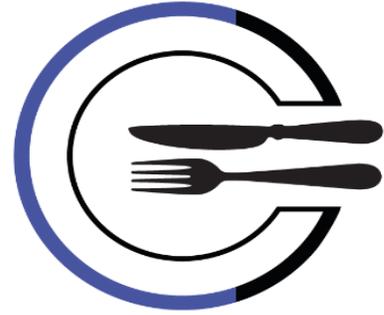
An integrated app that supports entrepreneurs with their inventory management. Shows which and how many products have been sold at any given moment and how much is still in stock. Data is stored and retrieved from the secured and private off-chain Calorie Token database. Among other things, the system provides notifications when products are almost out of stock, helps to get a clear picture of the current state of the inventory and can show which products are (in)frequently sold.

- **Accounting System (ACS)**

Accounting system linked to the IMS with which entrepreneurs can easily do their accounting. All costs and revenues in Calorie are processed in the CT database, costs and revenues are linked to current fiat money/crypt rates so that you can always find how much something has cost at that moment, regardless of price differences over time.

- **Analysis System (AS)**

A system that processes and analyzes the overall history of all transactions and the associated data. For example, you can see how much turnover you have made in a certain period and how that compares to previous periods or to what extent products have been sold over a certain period. Based on this information, your financial strategy or inventory management could be improved.



Investors

- **Payment system**

A system with which payments can be sent and received. The payment system is linked to the Accounting System (ACS) and Analysis System (AS) so that when a transaction is performed, this data is also processed in the ACS and AS.

- **F&B, Crypto and other financial news**

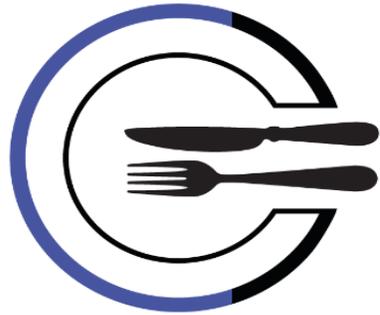
Up-to-date news about the F&B industry, crypto sector and other financial sectors

- **Analysis System (AS)**

A system that processes and analyzes the overall history of all transactions and the associated data. With AS, actions can be viewed and reviewed. Based on that data, analyzes can be performed to improve the financial strategy. Big Data can also be used, so investors can, for example, see how many products have been sold in a certain place over a certain period of time in order to better determine where to invest.

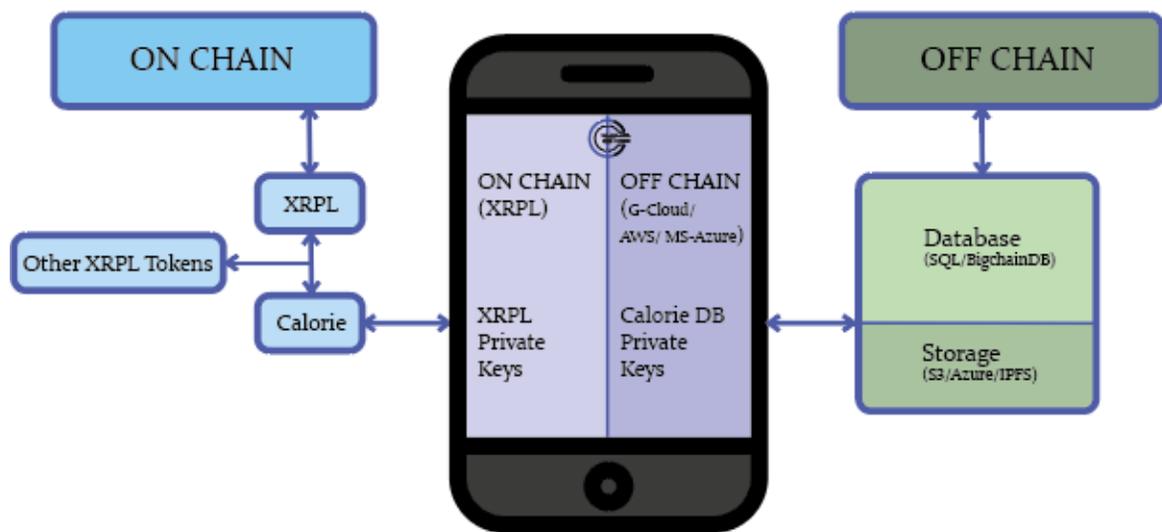
- **Network platform**

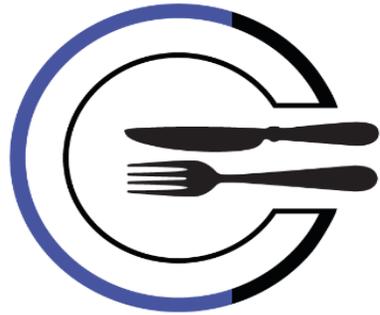
Network platform for investors to connect with businesses using Calorie. Companies can post their company information and contact information on their company profile so that potential investors can easily get in contact with the businesses.



CalorieApp Infographic

CalorieApp





Infographic explained

On-Chain

An XRP wallet with full access through private keys to the payment system on the XRPL, your Calorie trustline and other trustlines, linked to the CalorieApp.

On-chain you can participate in the payment system on the XRP Ledger, use the DEX and find transaction history. XRP wallets transactions made are linked to the off-chain Calorie Database by means of transaction hashes. Each transaction has a unique transaction hash and based on this entity a link is made to an entity on the off-chain database. Based on this entity, data is stored in the database.

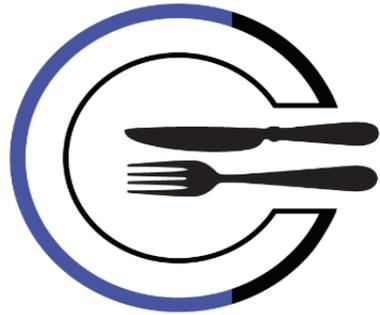
Off-chain

Database Layer

Calorie Token will start with the MySQL protocol on Google Cloud SQL and aspire to eventually work in a decentralized way with BigchainDB. With the link to an XRP wallet and the associated transaction hashes, the payments and related information are securely stored in the off-chain Calorie Database. Each transaction contains a transaction hash with related information such as which food item was purchased, how much it cost (in CAL and FIAT), when, where and from whom the products were purchased. This information cannot be stored on the blockchain and is therefore stored on the off-chain Calorie Database. With the help of private keys, only you have full access to your personal data. This data can be deleted at any time. Big data, such as the average eating pattern of a certain region, can only be used for analysis and does not contain personal characteristics.

Application layer

Calorie Token will start with Google Cloud Cloud Computing Services. The Client/Server Model is implemented to be able to use the integrated applications in the CalorieApp. Servers receive and respond to requests from clients to allow processes to run on the client. Integrated application processes like the Food Foodtracker System, Inventory Management System, Accounting System, Analysis System and integrated DEX Application will run on this application layer. All these processes are monitored on Calorie Token's servers to keep the processes functioning and optimize the user experience and system functionality.



Privacy

Privacy is guaranteed through your Calorie Database private keys. Only you have access to the data in the Calorie Database and you can make a backup to store your (company) data. Calorie Token will bear the legal responsibilities for secure data storage and data processing and cannot access this data. Only big data will be used for research purposes. Data can be deleted at any time by the user himself. For more information, check the [privacy disclaimer](#) on our website.

Community

- Website:  CalorieToken.net
- Twitter:  [@CalorieToken](https://twitter.com/CalorieToken)
- LinkedIn:  [Calorie Token](https://www.linkedin.com/company/CalorieToken)
- Instagram:  [CalorieToken](https://www.instagram.com/CalorieToken)
- Facebook:  [CalorieToken](https://www.facebook.com/CalorieToken)
- Telegram:  [CalorieToken](https://www.telegram.com/CalorieToken)
- YouTube:  [CalorieToken](https://www.youtube.com/CalorieToken)

CalorieToken

[Aiming to be the world's food token](#)