

# Project Rating Update

# Ambrosus

Unchanged

**CCC** Stable  
**Outlook**

Analyst | Lucion Ge  
Dec 2018

## Current Stage

Ambrosus is committed to building a blockchain enabled supply chain solution with a focus on the food and pharmaceutical industries.

Its blockchain Internet of things platform AMB-NET, which is based on the private chain of ETH, has been launched for the first time in July 2018. It was expected to improve its functions and realize commercial use by the end of year 2018.

The Marketplace Network proposed in early 2018 has not been officially launched, and the Developer Dashboard did not disclose the progress.

However, data acquisition off the chain requires the use of hardware equipment. The whole process is costly, and it is difficult to guarantee transparency, openness and quality of data transmission.

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## Ambrosus 2018 Performance

1 AMB-NET is a distributed Internet of things platform based on blockchain, which can interact with sensors in real time. The data collected by sensors is transmitted through AMB-NET Masternodes, which is the core technology of Ambrosus.

✓ Completed

AMB-NET debuted in July, completed several upgrades, and planned to complete version 2.0 in Q4 to make the platform commercially available.

2 AMB-NET SDK

✓ Partially Completed

The respective SDK of the JavaScript, iOS, or Android have been opened.

3 Developer Dashboard, Marketplace Network

✓ Partially Completed

Marketplace Network is in the test phase and has not been officially launched. The Developer Dashboard did not disclose information of its online release.

# AMBROSUS

Rating **CCC**

Outlook	Stable
Label	Supply Chain
Total Supply	361,477,438
In Circulation	144,590,975

## Score

### TEAM



### PROJECT



### ECOSYSTEM



## Analyst

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## Risk

Ambrosus aims to provide a blockchain-powered supply chain solution focusing on food and pharmaceutical area. Its mainnet AMB-NET was launched in July 2018 and its GitHub has been updated frequently since then. However the off-chain data collection process, involving hardware devices, is costly and hard to guarantee transparency and quality assurance of products.

## Summary

### Team

#### Founder & CEO, Angel Versetti

- 2017 - Present: Global CEO & Co-Founder of Amrosus
- 2014 - Present: Cryptoinvestor in Versetti & Co.
- 2015 - 2016 : Consultant & Project Lead, Investments in Emerging Technologies for SCP in United Nations

#### Founder & CTO, Stefan Meyer

- 2017 - Present: Founder & CTO of Ambrosus Technologies
- 2014 - 2017: Managing Director, Integrative Food and Nutrition Center in EPFL
- 2004 - 2009: RD Scientist and Project Manager in Company NameNestlé
- 2001 - 2005: PhD in Food Science from the University of Leeds

## Project

The Ambrosus protocol and the software layer on top of it are built on the Ethereum blockchain, which allow information from IoT devices to be recorded onto a decentralized network.

#### Ambrosus Protocol

The Ambrosus protocol is built to support high data loads from hardware devices and network participants.

#### Amber Token

The Amber token is a data-bonded token, which is used to bind updated data from the supply chain to its corresponding product as it travels between counterparties. It is also used to carry out transfers of value within the ecosystem.

#### Architecture

Ambrosus is a set of core Ethereum smart contracts at the lowest level. A JavaScript library sits above contract layer. The top layer of Ambrosus consists of a React Component library.

## Ecosystem

**Market Cap:** \$ 23,054,746

**Ranking:** 194

#### Application of Protocol:

An Ambrosus-based App provides a distributed marketplace for food, where parties can agree on the quality of food delivered. Quality is measured and stored on distributed storage.

AAA: The technical foundation is extremely solid and project risk is extremely low.

AA: The technical foundation is very solid and project risk is very low.

A: The technical foundation is solid and project risk is relatively low.

BBB: Technical feasibility is very good and project risk is controllable.

BB: Technical feasibility is good and the risk of the project is moderately controllable.

B: Technical feasibility is moderate and project risk is limited to a controllable extent.

CCC: The technical foundation or idea has certain problems and the project has relatively large risks.

CC: The technical foundation or idea has considerable problems and the project carries large risks.

C: The technical foundation or idea has substantial problems and the project suffers from extremely large risks.

D: The project is riddled with problems and carries an extremely high risk of failure.

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