# **AMO Token Economy**

The AMO ecosystem will utilize two types of currencies to sustain economic operations: the AMO Coin for external economic transactions and AMO Cash for internal transactions. Additionally, to reward AMO ecosystem participants, AMO Miles will be the basis of a bonus-point/mileage system.

## **AMO Coin**

AMO Coin is the foundational currency of the AMO ecosystem, acting as a medium to connect the AMO ecosystem with the external ecosystem, as well as for user transactions. It will be necessary for non-AMO Market participants to purchase AMO Coin from an exchange in order to purchase data, products, or services within AMO Market. However, for existing AMO Market participants to exchange their AMO Cash (earned from activity within the ecosystem) to another currency on an exchange, it will be necessary to convert their AMO Cash into AMO Coin to do so.

## **AMO Cash**

AMO Cash can be earned by contributing to the AMO ecosystem or buying AMO Coin and converting it. In turn, AMO Cash can be used as currency within the ecosystem to purchase data, products, and services within AMO Market. However, to continue growing the market and to promote participation, exchanging AMO Cash  $\rightarrow$  AMO Coin will require 4-week authorization period, over which the exchange will be divided into four periods (once every 7 days).

AMO Cash will minimize the price disruption for market participants that could occur due to external factors by adjusting the exchange rate between AMO Coin and AMO Cash according to the value of AMO Coin within the cryptocurrency market.

## 1) Acquiring AMO Cash

A. Registration and Sales of Car Data

Car users and car-related entrepreneurs participating in the AMO ecosystem sell their car data on the AMO Market, earning AMO Cash equivalent to the amount and value of data they provide.

The value of their data will be determined by the principles of traditional supply and demand, and AMO Cash will be paid out by the data buyer to the seller, excluding

some market usage fees.

#### B. Sales of Products and Services to AMO Market

In AMO Market, sales and trading will not only be limited to car data, but will also be open to automobile-related products and services. Product and service-sellers will be able to earn AMO Cash.

### C. AMO Blockchain Node Contribution

To process transactions quickly and efficiently, the AMO Blockchain will perform Delegated Proof of Stake (DPoS). AMO Cash and AMO Coin will be given to the Block Producer (BP) as compensation for block generation.

Participants can also lend their shares to the BP to also receive portions of the block generation reward.

### D. AMO Peer Storage Node Contribution

To store the enormous amount of car data, a large amount of storage space is necessary. Therefore, for AMO Blockchain, this space will be acquired through obtaining Peer Storage Nodes. Those who contribute Storage Nodes will also earn AMO Cash through providing storage space and their time.

### E. Exchanging AMO Coin

If a participant is new to the AMO Market and requires AMO Cash to use in the market, he or she can purchase AMO Coin from an exchange and change it into AMO Cash. AMO Coin  $\rightarrow$  AMO Cash conversion is immediate, but conversely, AMO Cash  $\rightarrow$  AMO Coin conversion will take a total of four weeks

### 2) AMO Cash Usage

### A. Use in AMO Market

AMO Cash is the only currency used in AMO Market and can be used to purchase data, products, and services. The buyer will pay 100% of the price of the goods and he or she wants to purchase with AMO Cash, and the seller of the goods will receive AMO Cash from the buyer, excluding market usage fees.

## B. Exchanging to AMO Coin

When converting AMO Cash earned in the AMO Market into real money or another

coin, the process will require initial conversion from AMO Cash  $\rightarrow$  AMO Coin, and will take four weeks.

The 4-week authorization period is to prevent the AMO ecosystem stable, keeping assets from being leaked externally. However, a quicker conversion will be possible with the payment of an extra added fee.

## C. Non-AMO Market Usage

Since AMO Cash is a pegged currency, guaranteeing an amount of real monetary value, it can also be used in a general economic system outside of the AMO Market. Therefore, plans are in the works to allow for AMO Cash transactions to be used in a non-AMO Market setting with payment services like Samsung Pay or Apple Pay.

## **AMO Miles**

Earning AMO Miles is possible through contributing to the AMO ecosystem. If a car data producer shares his or her data with the AMO Market, the producer can in turn acquire AMO Miles without acquiring AMO Cash. Conversely, when exchanging AMO Coin  $\rightarrow$  AMO Cash, the participant will get AMO Cash without getting AMO Miles. Through collecting AMO Miles, market participants can earn benefits from the AMO ecosystem.

### 1) Earning AMO Miles

### A. Sharing Car Data

Participants will receive AMO Cash for use in AMO Market when the data that has been registered is sold. In this case, it is possible that the sale will take an extended period of time or the sale will not take place at all. However, because AMO Miles are paid out at the time of the initial upload of data, regardless of the sale, compensation is not conditional and is given to all users who contribute data to the AMO ecosystem.

### B. Acquiring AMO Cash

When earning AMO Cash through selling goods or through participating in the AMO Blockchain as a node, AMO Miles will also be allotted in proportion to the amount of AMO Cash.

The allotment is to compensate the activities performed to obtain AMO Cash and

contribution to the AMO ecosystem.

## 2) Using AMO Miles

## A. Additional AMO Cash for Participating in AMO Blockchain

Depending on the number of AMO Miles a participant has, when participating in the AMO Blockchain as a BP or Peer Storage Node, they will be able to earn bonus AMO Cash for their contribution.

## B. Discounted AMO Market Usage Fee

Depending on the number of AMO Miles a participant has, discounts on AMO Market fees will be available when selling goods on the AMO Market.

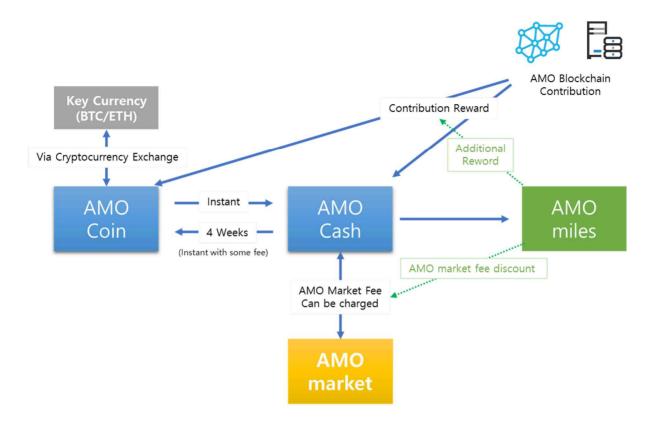
Top % of AMO Miles	Extra AMO Cash	AMO Market Usage Fee
Holdings		Discount
10%	10%	30%
30%	7%	20%
50%	5%	10%

## C. Other Benefits Including Airdrop

As the AMO ecosystem activates and grows, AMO Cash can be used in the AMO Market as an airdrop. In this usage case, the total amount of AMO Coin, AMO Cash, and AMO Miles that a participant holds will determine the amount of airdrop that will be given out.

#### 3) Elimination of AMO Miles

AMO Miles is a rewards system for encouraging participants to actively engage within the market and new activity is of great value. Therefore, to minimize loss of newcomers, AMO Miles compensation will not be given to members for the first 6-month period with AMO to promote market activity.



# **Responding to Inflation & Deflation**

### 1) Inflation

### A. Causes of Inflation

In the AMO ecosystem, increase in the volume of currency is only possible through AMO Blockchain nodes generating blocks, in turn generating AMO Coin or AMO Cash. The newly generated Coin or Cash will be stored in a pool and will in turn be used to compensate Peer Storage Nodes or airdrops, therefore controlling the amount of inflation.

### B. Inflation Goal

In the first year of the AMO Mainnet release, new currency generation will be set at 10% of the total volume, and the target generation volume will be reduced by 2% every year. After the fourth year, the additional generation volume will be fixed at 2% per year.

## C. Inflation Adjustments

When AMO Cash inflation occurs, it can be controlled through reducing the market usage fees or burning a portion of the AMO Coin/Cash pool.

