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# AIDUS

## GLOBAL D-FUND PLATFORM

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WHITEPAPER
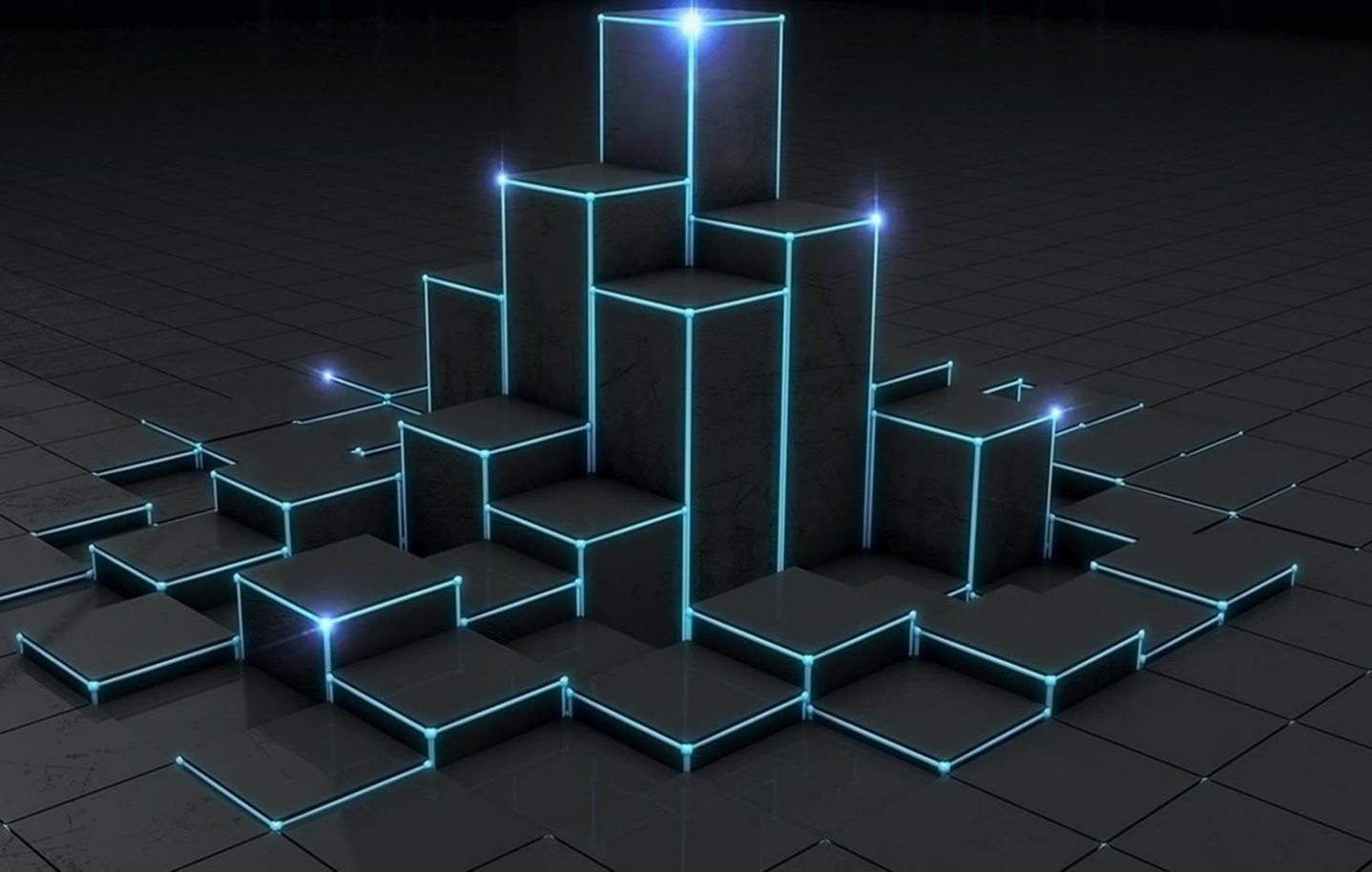
# AIDUS White paper

## What is ADFP (AIDUS Global D-Fund Platform)?

The AIDUS Global D-Fund Platform is a decentralized fund market established upon the ETHEREUM network to serve as a professional asset management platform in which global investors and asset management companies are able to use Blockchain technologies and SMART Contracts to safely and transparently create and settle into P2P (Peer-to-Peer) fund agreements. Various information regarding the settled fund agreements shall be registered in the Blockchain network and shall continuously be updated through the Oracles* Agent.

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*Oracles: In the context of Blockchain and SMART Contract, the Oracles serve as an agent that verifies and confirms a specific event and submits the information to the Blockchain, which will be used in the SMART Contract. For instance, this system will enable displaying of current market cap of Bitcoin as it extracts the information from the coinmarketcap. com.

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## IMPORTANT NOTICE

# IMPORTANT NOTICE

**PLEASE READ THIS SECTION CAREFULLY**

Before participating in the Token Sale (as defined below), you should consider the information in this whitepaper ("**Whitepaper**") carefully, and consider whether you understand what is described in this Whitepaper. If you are in doubt as to the action you should take, please consult your financial, legal, tax, technical or other professional advisors.

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## General information

This Whitepaper is issued by Aisys Global Pte. Ltd. (Singapore Company Registration No. 201835277D) ("**AISYS GLOBAL**").
The purpose of this Whitepaper is to introduce the AIDUS Global D-Fund Platform ("**ADFP**"), the AIDUS Token, and the intended sale of the ERC-20 tokens that are convertible to the AIDUS Token during the token sale as described in this Whitepaper ("**Token Sale**").

This Whitepaper is prepared based on the current views and plans of AISYS GLOBAL. A ISYS GLOBAL reserves the sole and absolute discretion to revise this Whitepaper from time to time by posting the updated Whitepaper on http://aidus.io. Such updated Whi tepaper shall become effectively immediately from the time of posting.

The Tokens and the AIDUS Tokens are not intended to constitute capital markets prod ucts in Singapore, or securities or any financial instrument in any jurisdiction. The Toke ns carry no rights other than (i) prior to the launch of the AIDUS Main-Net, a limited ri ght of use within ADFP as described in this Whitepaper, and (ii) upon the launch of th e AIDUS Main-Net, a right to be converted to the AIDUS Tokens at a 1:1 ratio upon or as soon as reasonably practicable after such launch. Pending the launch of the AIDUS Main-Net, the Tokens will have the same right of use as the AIDUS Tokens (i.e. the rig ht of use of the AIDUS Tokens as described in this Whitepaper is applicable to the Tok ens). Upon the launch of the AIDUS Main-Net, the conversion of all Tokens in circulati on to AIDUS Tokens shall be mandatory (i.e. the Tokens will be phased out). The AIDU S Tokens carry no rights other than a limited right of use within ADFP as described in t his Whitepaper. Neither the Tokens nor the AIDUS Tokens entitle their respective hold ers to any voting rights or any rights to interests, profits, income, payment or returns. AISYS GLOBAL will not support or otherwise facilitate any secondary trading or externa l valuation of the Tokens or the AIDUS Tokens.

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Some of this information may be forward looking in nature and based on certain assu mptions. All statements other than statements of historical facts included in this White paper, including, without limitation, statements regarding business strategy and plans, estimates of returns or performance, and objectives for future operations, are forward l ooking statements. In addition, forward looking statements can generally be identified by the use of forward looking terminology such as "may", "will", "should", "expect", "an ticipate", "estimate", "intend", or "believe", their respective negatives and other compa rable terminology. This Whitepaper does not make any promises about the future or v alue of cryptocurrency, and does not guarantee the inherent value, commitment to on going payment, and any specific value.

Participation in the Token Sale and purchase of the Tokens carry significant risks, whic h if they materialize, could have a significant negative impact on the Token Sale, the T okens, the AIDUS Token, the ADFP, and/or AISYS GLOBAL. Participants should not part icipate in the Token Sale unless they have fully understood the terms applicable to the Token Sale, the Tokens, the AIDUS Tokens and the potential risks described in this Wh itepaper and the Token Sale Terms and Conditions. No person is bound to purchase a ny of the Tokens, and no purchase or payment would be accepted, on the basis of this Whitepaper. In the event of any conflict or inconsistency between the Token Sale Term s and Conditions and the Whitepaper, the Token Sale shall be governed exclusively b y the Token Sale Terms and Conditions and the former shall prevail to the extent of th e conflict or inconsistency unless otherwise specified by AISYS GLOBAL.

This Whitepaper and the Token Sale Terms and Conditions do not contain all mat erial information regarding the risks associated with the purchase of the Tokens and p articipation in the Token Sale. If you are a prospective purchaser, you should

inform yourself of the legal requirements, risks and consequences of purchasing, h olding and disposing of the Tokens before making any purchase.

**Language**

This Whitepaper, which has been drafted in English, may be translated into other la nguages. In the event of any conflict or inconsistency, the English version of this W hitepaper shall take precedence over the translated version.

# Ⅰ. INTRODUCTION

The growth of the Internet in early 2000 opened the era of new technological innovation called the "venture boom". Though, it caused such problems as the dot-com bubble, it has become a page in the history as the "Third Industrial Revolution". Now when in less than 20 years, the society has again entered the era of the "Fourth Industrial Revolution". Many Blockchain technologies are currently being developed and major companies as well as start-up companies are carrying out ICOs with their own various technologies and know-hows.

The entire society is witnessing with its own eyes the fast growth of this unique industry and market in somewhat similar or somewhat faster pace than that of the semiconductor market or the SMART phone market.

However, the cold reality is that most countries have not even settled into the basic legal framework regarding the ICO, and it has only been recently that lawmakers are now establishing a consensus in the general regulatory direction in this market.

The global trend of ICO and as well as various anxieties and side effects regarding cryptocurrency is general are already widely known to the public, but for the AIDUS Project Team, who have long been carrying out research on the ICO and on the Tokenomics, there has been a focus on the following three major limitations.

**1. Absence of basic fundamentals in cryptocurrency**

**2. Price volatility issue in speculative market**

**3. Absence of future value as being unable to be used in real economy**

The AIDUS Project Team has focused on the need of innovative alternative to the above three major limitations to the current cryptocurrency, and has explored on the following major contemplation.

**1.Is it impossible to create a token that can not only secure the future value but also to instill the fundamentals?**

**2.What business model would enable both the listing of the token in the exchange and as well as an immediate usage and application in the real economy?**

It was never an easy task even to the AIDUS Project Team with the core competitiveness within the team to go through various alternative models and as well as to create a business model that can satisfy the above two major questions.

The business model that has been prepared in the early ICO stages could not have been pushed forward, and as well as other various business models as it could not go through the rigorous analysis from professionals, legal consulting, and technological evaluation process.

However, the final model of the AIDUS Global D-Fund Platform (ADFP) has been developed with an assurance to be the successful alternative model satisfying the above contemplation and as well as to the leading innovative business model that would propel the global asset management market.

## Beyond the 'Renaissance Technologies', the Blue Chip in Hedge Funds, is no longer just a 'Dream' for our team.

The core competencies of the AIDUS Project Team are the technologies and know-hows to stably secure profits through the FOREX (Foreign Exchange) margin trading system in the FOREX market, enabling the AIDUS to penetrate the single largest market in the entire world, the global asset management market.

The AIDUS Project Team has gone through 15 years of R&D process to develop the proprietary Quant Trading System (hereby referred to as "QTS"). The system was fully launched in 2015, and has been fully verified since 2016 by various asset management professionals through demonstrations of the system and as well as pilot operations for the fund management, fully verifying the safety of the system.

By connecting the AIDUS Global D-Fund Platform (ADFP) which is to be operated with the AIDUS Token as the only accepted means of payment of the platfrom (i.e. the AIDUS Token will be the single currency on the platform) with the QTS that has recorded a remarkable yield rate for the past 3 consecutive years, the core innovations that the system will bring to the current cryptocurrency market and the asset management market can be summarized as follows:

▶ Protecting token holders (investors) through a token model that equips the AIDUS Tokens with fundamentals (i.e. features which support the function of the AIDUS Token as a viable and reliable means of payment in ADFP and the fund market)

▶ Enabling the use of the AIDUS Tokens as a means of payment in the asset management industry (real economy)

▶ Enabling decentralized fund market service providing a free access for signing and redemption of global fund items

▶ Providing various fund portfolios that are safe and high in yield rate to the entire world

By carrying out the above tasks and features, the AIDUS Global D-Fund Platform(ADFP) shall provide a true innovation that has the potential to tackle various problems that were inherent in the existing cryptocurrencies and as well as various pain points for in the investors and asset management companies.

This innovation will surely enable the AIDUS Project team to expand far beyond the current leading enterprises in the global asset management market, to be the next leading group for the upcoming new era of global market.

# Ⅱ. AIDUS COMMENTARY

### High profit asset management through the proprietary QTS
## "Decentralized Global Fund Market Platform (ADFP)"

This project, officially named as the 'AIDUS Global D-Fund Platform (ADFP)' Project but also known as 'AIDUS', seeks to create a decentralized platform business which will establish ADFP as the decentralized fund market platform in which the AIDUS Tokens will serve as the single currency that may be used for the subscription and redemption of various fund portfolios. The platform will connect global investors (the demand group for the asset management) with professional asset management companies, while AISYS GLOBAL would supply the 'Quant Trading System (QTS)' to asset management companies in order for them to create various high profit fund items, all aiming at truly revolutionizing and establishing a new ecosystem of global asset management market.

AISYS GLOBAL believes that AIDUS will be the first ever unique project in the entire world and that such project can only be pushed forward by the unique members here in the AIDUS Project Team.

## 1. Limitations of the Global Asset Management Market

According to the Financial Times on October 30th 2017, the international consulting firm PwC(Pricewaterhouse Coopers) has announced that the global asset management market size is USD 85 trillion as of October 2017 and it is expected to expand to USD 145 trillion by 2025. For comparison of the figure, according to the data released by the International Monetary Fund(IMF) on the global GDP figures for 2017, the total output of the top 20 countries is estimated at about USD 90 trillion.

This shows that the total volume of GDP of the top 20 countries is similar to the current global asset management market volume, which constitutes to the single largest market in the entire world.

Assuming stream of low interest rates are maintained and economic growth continues, the size of the global asset management market will continue to expand due to the pension savings due to aging and the increase in personal assets in emerging markets.

**AuM Forecast by World Regions**

(unit: trillion US dollars)
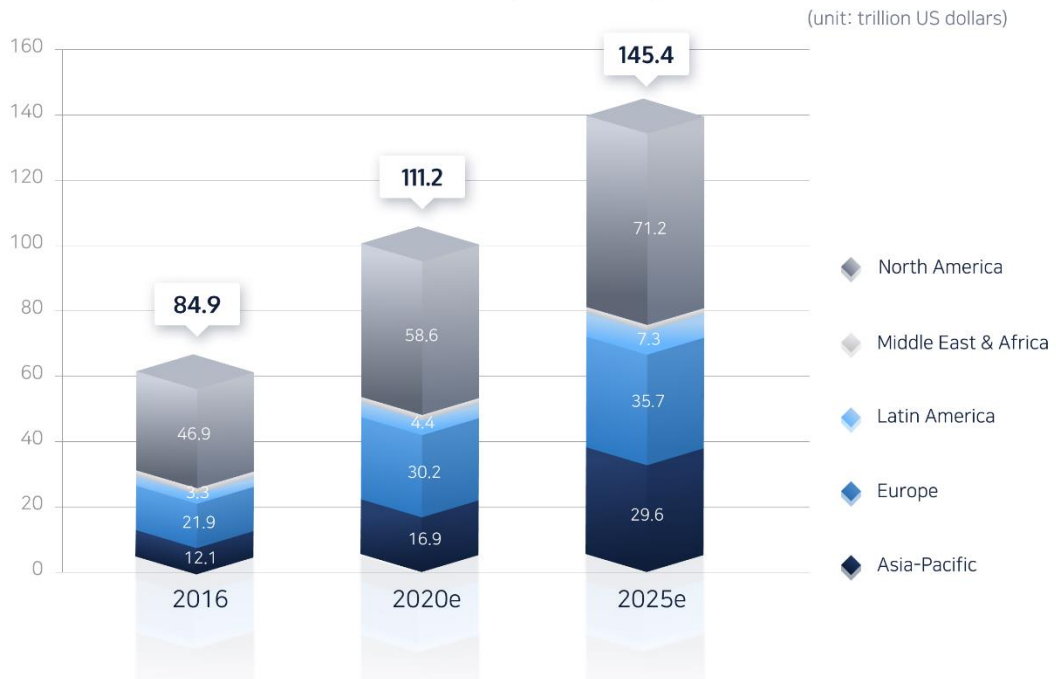
[ Figure 1 ] AuM Forecast by World Regions
Source) 'Asset & Wealth Management Revolution: Embracing Exponential Change',PwC, 2017.10

Although the scale of US asset management is still very large, it is predicted that the growth of Asia-Pacific and Latin America will accelerate in the future.

- **Asia-Pacific:** 8.7% growth from 2016 to 2020, 11.8% growth from 2020 to 2025

- **Latin America:** 7.5% growth from 2016 to 2020, 10.4% growth from 2020 to 2025

Therefore, there are many asset management companies around the world, and they are creating various types of fund portfolios. However, if an investor would ask, "is it possible to find a good fund for investment among these countless number of funds?", the answer will probably always be 'very difficult'.

Even if there is a good fund portfolio abroad, there is no way to check which country is actually operating the fund and what kind of portfolio it is. Plus, the language barrier issue makes it near-impossible to know whether the fund management is aggressive or stable, whether it is a mixed type of bond and stock or a single portfolio on foreign exchange. Going further, it becomes way more difficult when a person tries to understand professional / legal terms and jargons when signing into the contract agreements, so accurate information is definitely not readily available for the investors.

For these reasons, most individual investors rely on the advice of fund sales companies t o invest into fund portfolios and although there are cases of appropriate customized por tfolio suggestion based on the analysis of investment propensities and on the specific ne eds of the investors, there are also quite a number of cases, in which only seller-customiz ed products are suggested only to contribute to the performance of the fund sales comp any or the employee himself/herself.

In addition, since investors and asset management companies are not necessarily based i n one single country, often, the investors subscribe for global funds created by other ass et management companies around the world. Generally, such investors will need to make a total of 2-tier exchanges for subscription and termination of fund products, and if the f und is not based on the key currency, 4-tier exchanges. Going further, since there is no s pecifically dedicated account like the stock market system, the investors will need to exc hange the money again if they would wish to reinvest into the fund.

These obstacles in the current system basically mean that it is impossible for an individu al or an institution to personally select, sign in, and order a redemption for a fund item o perated by a foreign asset management company. This, in other perspective, points out t hat there is a strong demand and needs for a decentralization in the global asset manag ement market through the Blockchain technologies.

Now, as for the asset management companies, the issue from their perspective is that hu ge marketing budgets are needed in order to promote their fund portfolios to the global market and to connect with each different fund sales company in many countries, all app lying with different and unique sales commission structures, and as well as to develop a real time-basis connection system to manage the various different fund portfolios that ar e sold in the global market.

This kind of systematic complexity gets even worse in the case of foreign exchange marg in trading.

The foreign exchange market is known for its high risk due to various factors such as the global financial crisis, continental and regional economic crises in Asia/Europe, petroleum , grain and economic policy differences in each country, and etc., resulting in only a very few asset management companies that are professionally engaged in the FOREX market despite the high transaction volume by foreign exchange leverage (operated by 100-fold, if actual capital is based at 1), and there are very limited professi-

-onal exchange rate systems applied in the FOREX market unlike the case for the stock trading.

Then, there arise a question, "despite of such various problems and factors, where are the astronomical amount of 85 trillion dollars being traded at?"

It is made possible as the top 15 asset management companies in the world currently operate 29.8 trillion dollars, equivalent to about 35% of the entire global asset management market volume. If scope is expanded up to the top 110 asset management companies, it will be about 43.8 trillion dollars, equivalent to 51% of the total global asset management market volume.

**THE TRILLION DOLLAR CLUB**
The world's largest asset holders are overwhelmingly U.S. based
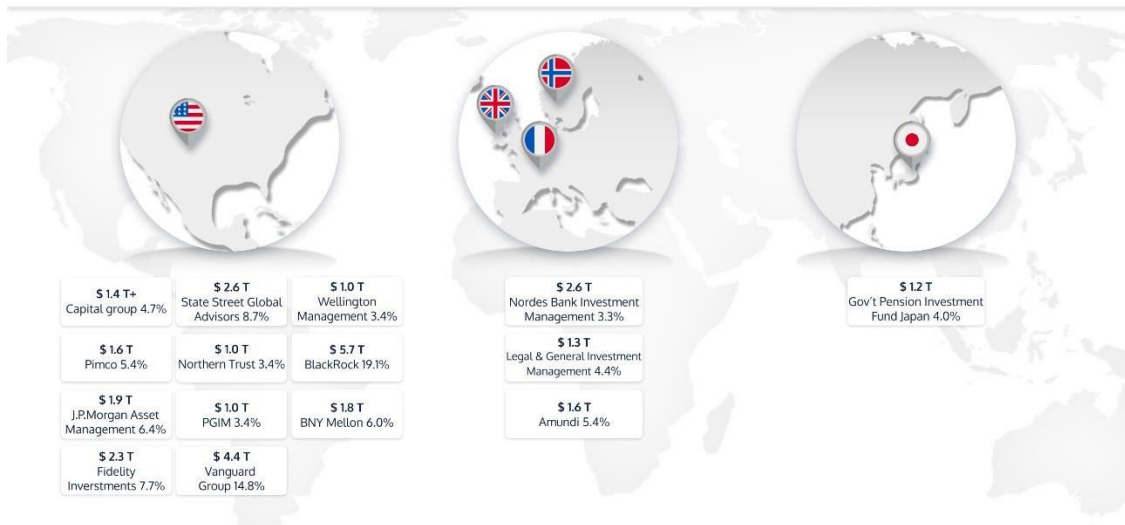
Amazingly, 82.9% of these total assets are managed by companies within the United States.

The world's Largest asset managers together, these 15 companies hold and manage much of hte world's financial assets, such as stocks and bonds.

Only 17.1% of these total assets are managed by companies outside of the United States

| $ 1.4 T+ Capital group 4.7% | $ 2.6 T State Street Global Advisors 8.7% | $ 1.0 T Wellington Management 3.4% | $ 2.6 T Nordes Bank Investment Management 3.3% | $ 1.2 T Gov't Pension Investment Fund Japan 4.0% |
| $ 1.6 T Pimco 5.4% | $ 1.0 T Northern Trust 3.4% | $ 5.7 T BlackRock 19.1% | $ 1.3 T Legal & General Investment Management 4.4% | |
| $ 1.9 T J.P.Morgan Asset Management 6.4% | $ 1.0 T PGIM 3.4% | $ 1.8 T BNY Mellon 6.0% | $ 1.6 T Amundi 5.4% | |
| $ 2.3 T Fidelity Inverstments 7.7% | $ 4.4 T Vanguard Group 14.8% | | | |

[ Figure 2 ] USD 28.8 Trillion / Top 15 asset management companies

*Source: October 6, 2017 Visual Capitalist Press Release. The Trillion Dollar Club of Asset Managers*
*http://www.visualcapitalist.com/chart-trillion-dollar-club*

Although giant corporations and giant capitals are the ones dealing with these big asset management companies, there are also other average-scale investors and asset management companies that can solve the problems by themselves. However as for small and medium-sized investors and asset management companies, the above depicted systematic limitations are unresolvable, and the number of such corporates gets even higher if the scope is narrowed down to single business / investment unit.

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Most investors (especially small and medium-sized investors) in many countries are only subscribing to funds that are created in their own country or that are sold by asset management companies operating in their own countries. Thus, the asset management companies too are only focusing on the local investors as potential investors.

What if these services (as shown in Figure 2) provided only by the top-level asset management companies would be readily available for small and medium-sized investors and as well as for general asset management companies?

The AIDUS Project Team has developed an appropriate alternative to these systematic problems, and has taken a fundamental review in the perspective of both investors and asset management companies on the alternative model to enable its immediate application in the current asset management market.

## 2. AIDUS' Core Tasks and Business Model

### 1. Core Tasks of the Project
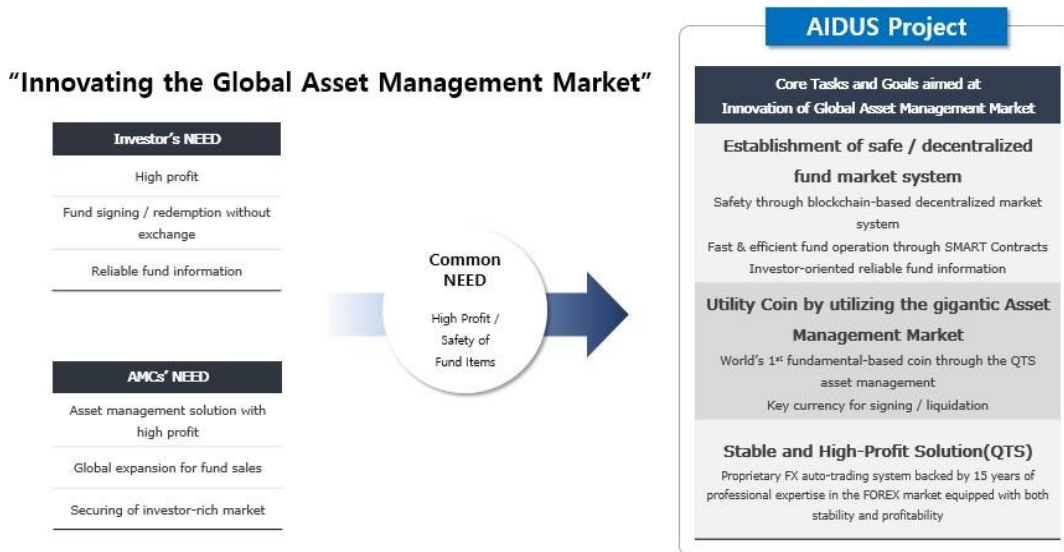


[Figure 3] Need and Core Tasks of Investors and Asset Management Companies

If investors have an easy access to the fund information that they need and have some sort of navigation in their own languages, and if they don't need to do go through stages of exchanges for foreign investments, and if it would be easy for them to request

for a redemption or a reinvestment at maturity or mid-term of fund management period, there will be much freer environment to sign into various foreign fund portfolios.

Moreover, if it is easy for one to invest in each asset management company's products once the personal information has been registered in the system, without the necessity to register individual information to various asset management companies, and if the personal information is safely stored without risk of being hacked or being exposed to any unauthorized use, investors will be able to sign into any types of foreign fund items. Of course, each country has a different regulation on the protection of personal information, so this area will be dealt with appropriate application on the local regulation and legal framework.

If an asset management company has to enlist only the fund information, plus if they are given a free usage of the online platform that connects them and their fund portfolios to the global investors, the company will be able to secure and attract as many foreign investors as they wish.

If the fund portfolios are highly profitable and safe, investors will be more likely to sign into the fund, while the asset management company will be able to further expand in the securing of investors.

In order to satisfy the various demands and necessities as abovementioned, the three fundamental core tasks by the AIDUS Project Team are as follow.

**First is the establishment of a safe decentralized fund market system.**

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1) Establishing of a direct transaction through the decentralized fund market system based on the Blockchain technologies

2) Rapid and accurate transaction of fund signing and redemption through the SMART Contract

3) Providing of credible and tamper-proof fund information

4) Establishing of security system that protects private information and asset property of investors

5) Structuring of environment that can be conveniently accessed by both global investors and asset management companies (Online / Mobile)

6) Providing of investor-oriented services with minimum service fees

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To carry out the above six tasks, a totally new concept of a decentralized platform has to be established through the Blockchain technologies.

**Second is the adoption of a single currency using the cryptocurrency.**

1) Necessity of the adoption of real cryptocurrency system enabling limitless settlement in signing in and redemption of various foreign fund items

2) Necessity of a protective measure for token holders (investors) by instilling a fundamental to the cryptocurrency

3) Operation of a single currency system enabling the cryptocurrency for investment and asset management

4) Establishing of the ecosystem of various types of asset management and securing of resources through the single currency system

To carry out the above four tasks, a single currency system using cryptocurrency has to be established and the proprietary QTS has to be utilized to secure the needful fundamentals for the cryptocurrency.

**Third is the providing of a high-profit solution.**

1) Asset management companies are in need of high profit solution

2) High profit solution must be equipped with high degree of safety

To carry out the above two tasks and as well as to any asset management companies in the global market, it is critical to secure a high profit solution in order to design high profit fund portfolios for their investors. Once the fund market established will be equipped with various high profit fund products, it is a given fact that more investors will join in the fund market.

The AIDUS Project Team now declares the innovative business model that can satisfy all three core tasks as laid out in the above.

## 2.2. Business Model Established to Carry Out the Core Tasks

Going back to the initial questions where the AIDUS started the project, the basic que stion can be summarized as follow.

"How can we solve the problems associated to current ICOs and cryptocurrency?"

"How can we tackle the issues pertaining to the current global asset management mar ket and to solve the current pain points for every participant in the market?"

With the above questions in mind, the AIDUS Project Team has structured a win-win st rategy for every participant in this project including the ICO participants, investors in t he asset management, asset management companies, and the AIDUS Project Team ou rselves. Through the blend of QTS which is based on the big-data that has been gathe red and compiled on 30-year long FX Trading records and the AIDUS Token- based D ecentralized Fund Market (ADFP), the final business model has been established.
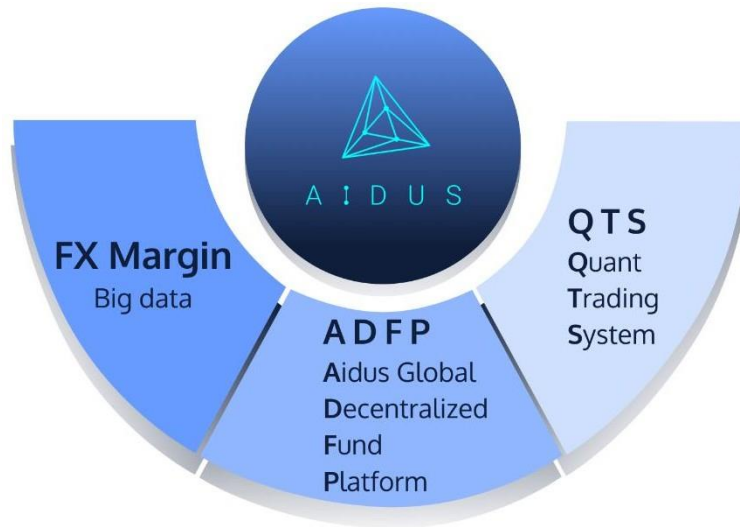


[ Figure 4 ] Structure of the AIDUS Business Model

The official name of the project based on the above business model is the 'AIDUS Glo bal D-Fund Platform (ADFP)' Project, and the token that is to be used in this platform i s named as the "AIDUS Token" or "(AID)".
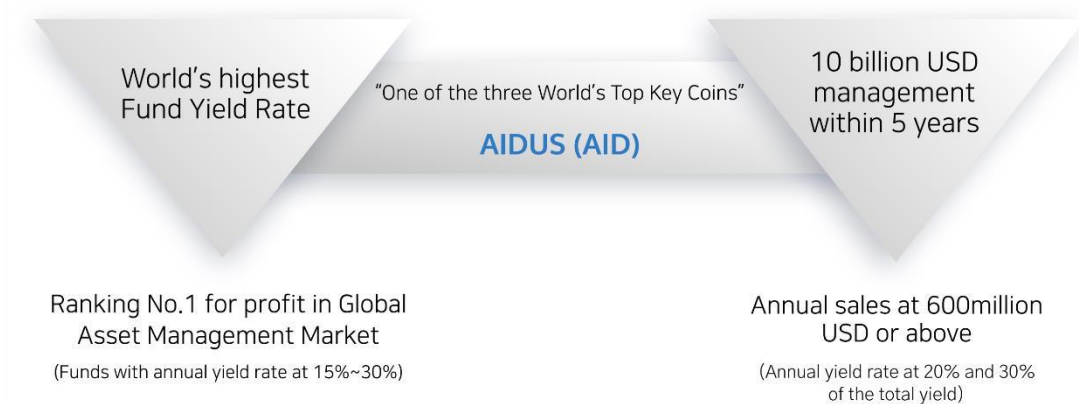
# Ⅲ. AIDUS Business

## 1. AIDUS Business Definition

### 1.   AIDUS Business Vision

The business vision of the AIDUS is to supply various fund products to the global  market that are equipped with the highest yield rate available in the market by basing  the portfolios on the ADFP and the QTS, and to gradually take the lead role in the  global asset management market.

If the yield rate records are proven within the next 2 to 3 years as going beyond the  average yield rates of various global top hedge funds such as the Renaissance Fund,  Kensington Fund, or the Wellington Fund, as well as if the capability of the asset  management gets recognized, the asset management volume utilizing the QTS from  Aisys Global will be expanded at a remarkable speed. Thus, it is our vision to expand  the QTS-applied asset volume to reach 10 trillion KRW within the next 5 years (2023)  to carry out the main leading role for the global asset management  market.

Once the QTS-applied asset volume reaches 10 trillion KRW, the AISYS GLOBAL PTE.  LTD. (Headquarter) shall be a strong enterprise recording 600 billion KRW annual sales  figure.



World's highest Fund Yield Rate

"One of the three World's Top Key Coins"

**AIDUS (AID)**

10 billion USD management within 5 years

Ranking No.1 for profit in Global Asset Management Market
(Funds with annual yield rate at 15%~30%)

Annual sales at 600million USD or above
(Annual yield rate at 20% and 30% of the total yield)

[ Figure 5 ] AIDUS Business  Vision

In the process toward the vision, the volume of global investors accessing the AIDUS  Fund Market, which is based on the ADFP, will naturally expand, gradually establishing

a newly innovative ecosystem in the global asset management market with the ADFP at its very core, which would also gradually expand the usage volume of the AIDUS Token.

The AIDUS Token value and its market cap will ultimately be one of the world's top three cryptocurrency right next to the current benchmark cryptocurrency, Bitcoin and ETHEREUM, as the AIDUS shall be the basis for the global asset management market.

## 1.2. AIDUS Business Introduction

The AIDUS Business is composed of two different business models. The first business is the QTS service business model for the FX Trading System. The second business model is the AIDUS Token.
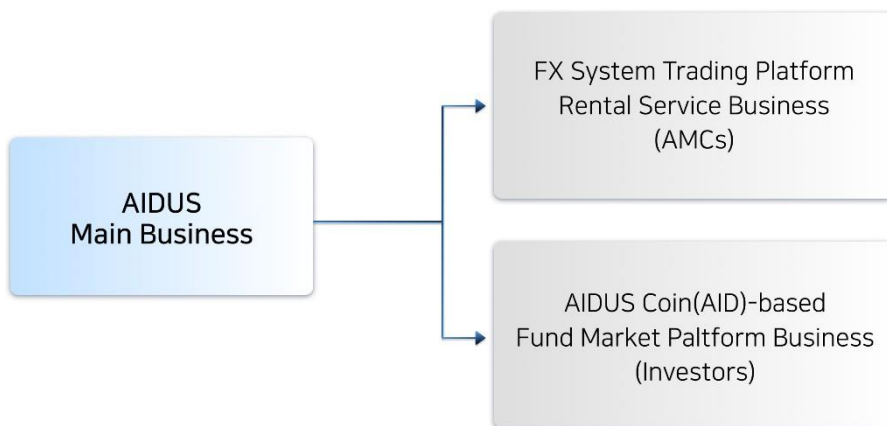


[ Figure 6 ] AIDUS Business Definition

1)QTS Service Business refers to the services provided by AISYS GLOBAL to asset management companies (hedge funds, finance companies and etc.) that have entered into contractual agreement to be listed at the ADFP(Fund Market) regarding the creation and management of various high profit fund items. Fund portfolios applying the QTS will be registered as official fund products on the ADFP along with assistance support for investor attraction. The basic profit model on this business area is to share the management fee and the performance fee (servicing fee) with hedge funds and finance companies that have entered into a QTS Servicing Agreement.

2)ADFP-based Fund Market service is to provide a decentralized fund market that would enable global investors to freely access the online / mobile platform service to

sign into various fund portfolios and request its redemption through the usage of the AIDUS Token.
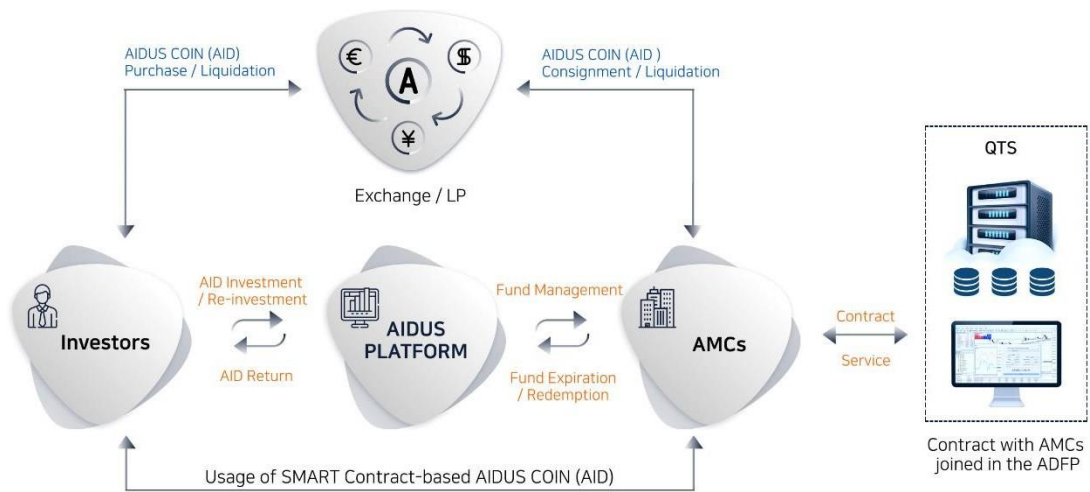


[ Figure 7 ] Operational Structure of AIDUS Global D-Fund Platform

ADFP-based Fund Market service will not only carry out various profit model as a professional asset management community website itself but it will also carry out the new central role in the ecosystem of the asset management market and shall further expand into consortiums and cooperation with various other derivatives.

This business model will be further expanded into ADFP and AIDUS Token-based payment business, management and distribution business on digitized asset property.

## 2. Blockchain Technologies behind AIDUS Business

As the big waves of the Fourth Industrial Revolution are pushed into the financial  industry, paradigms are changing due to major infrastructure technologies such as    artificial intelligence, Blockchain technology, biometrics authentication technology, and  the Internet of Things.

Especially, the Blockchain technology is evolving noticeably through the simplicity and diversification of "non-face-to-face financial transactions" of the asset management  market and of payment methods. It is particularly expanding into various areas of  authentication, payment and  remittance.

Various fin-tech start-ups, ICT firms are using the current Blockchain technologies to  be more responsive to the demands and to provide faster and more convenient  financial services, while traditional financial services segments are being dismantled.

This is because the financial platform based on the fourth industry has been   developed instead of the existing financial services area, which has been carried out  with a lot of manpower and capital, so that consumers no longer need to visit  financial institutions and all financial transactions are possible through the platform.

| CATEGORY | EXPECTED EFFECT WHEN INTRODUCING BLOCKCHAIN |
| --- | --- |
| Autentication | • Provides a simple and secure alternative autentification method without separate autorized certification institute |
| Payment & remittance | • Increase security of small payment and overseas remittance service and reduce fees |
| Trading of securities | • Significantly shortens the time required to buy ans sell currency, OTC stocks, derivattives, etc. |
| Smart contract | • Preventing fraud and forgery by middle managers as transactions are automatically established by conditions. |
| Loans, investment, trade transactions | • Non-facing P2P loan service without intermediaries<br>• Small funding and investment through crowdfunding<br>• Prevent invoice fraud by sharing invoice information |

[ Figure 8 ] Anticipated effects of Blockchain introduction - Korea Institute of  Finance

The adoption of Blockchain technologies in the ADFP-based AIDUS fund market is also expected to bring various effects to every  participant.

## 2.1. Adoption of a Single Key Currency

The **'AIDUS Token(AID)'** is being used as the single key currency in the ADFP-based A IDUS fund market. This means that in relation to any fund subscription or redemption request, payment will be made using the AIDUS Token. The AIDUS Token would theref ore function as a means of payment that users can use in the real economy of asset m anagement market.

Investors can buy the AIDUS Token at crypto exchanges, while asset management com panies can liquidate the token in cash either at the crypto exchanges or at the LP(liqui dity provider) to manage their own fund portfolios. When the fund expires or has been requested for resales, asset management companies can purchase the AIDUS Token fr om the exchange market and give it to the investors. For the avoidance of doubt, AISY S GLOBAL will not support or otherwise facilitate any secondary trading or external val uation of the AIDUS Tokens.

This structure can solve the following problems.

First, through the usage of the AIDUS Token as the single key currency to sign into the fund items, convenient investment is being facilitated at a global level. In other words, there is no need of money exchange or foreign transfers.

Second, there is no or at least minimum exchange fee because there is no need for money exchange.

Third, it is easy to reinvest into funds as payments in relation to fund subscriptions and redemptions on ADFP will be made in a single currency, which is AIDUS Token. It would therefore not be necessary to convert amounts received upon redemption of one fund to a different currency for subscription of units in another fund).

Fourth, once a fund has been subscribed, in spite of the decline in the value of the cryptocurrency at mid-termination and expiration, the current market price will not be applied in the investor's value.

If the value of the cryptocurrency rises, it is up to the investor to decide whether to ch oose the rising value of the cryptocurrency or the yield rate of the fund. Since it is

posible to repurchase units of the fund (after paying fixed commission as it is the case for most of fund portfolios), investor is also responsible for selecting a rise in the value of the cryptocurrency after redemption of the fund or to reinvest in the fund.

This is the key to creating a single currency system by means of AIDUS Token.

The AIDUS Project Team has prepared various resources and policies pertaining to the liquidation and payment of the AIDUS Token at the fund expiration that are needed for its full usage at the fund market. However, as these details are unique business model s that are proprietary to the AIDUS, these details have been decided not to be disclos ed in this Whitepaper. The information, however, shall be made available to the public in a sequential manner following the opening of the AIDUS fund market.

The AIDUS Project Team envisages that once these features and policies are fully impl emented, demand for AIDUS Token will increase and investors shall be able to witness with their own eyes a new innovative model that will enable an increase in both token value and fund yield rate.

## 2.2. Blockchain-based Decentralized Fund Market

The 'AIDUS fund market' based on the ADFP is scheduled to be opened at the 1st qua rter of 2019, aiming at the establishment of P2P market through the core essence feat ure of decentralization by the Blockchain technologies.

Thus, in our fund market, the asset management companies shall be the one to provid e fund information, and to promote their own unique fund products, while the investor s shall confirm the information and shall sign into the fund portfolios at their own desi re. AIDUS GLOBAL shall never interfere at any part of this transaction made between t he investors and the asset management companies.

The very reason is because due to the nature of fund portfolios, only duly licensed ass et management companies are able to create fund products and to sell their own fund products. In this regard, every country implements different regulatory framework on t he fund operation and it would be highly inefficient for AIDUS GLOBAL to operate and manage countless numbers of asset management companies and its fund portfolios.
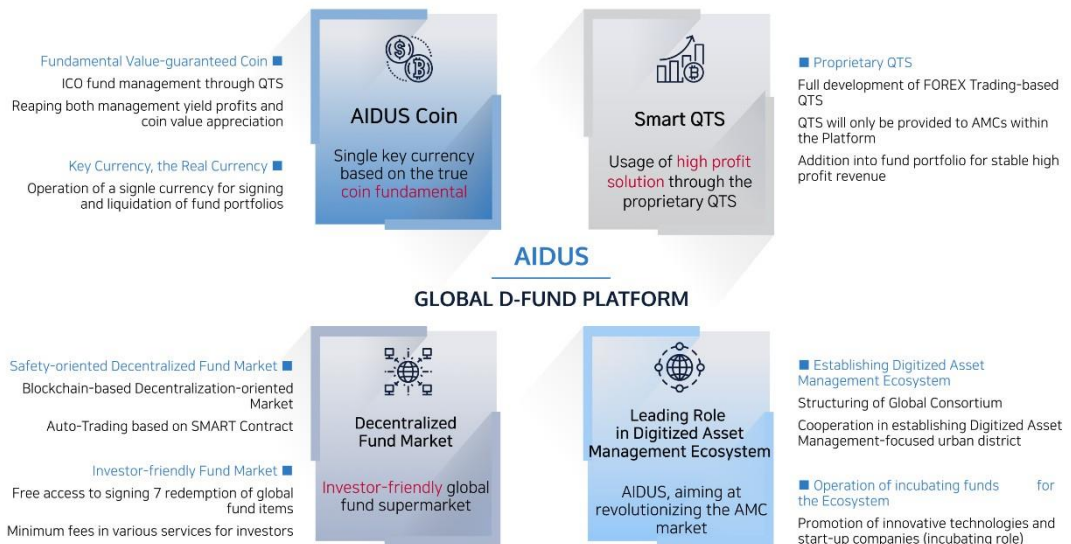
AIDUS GOBAL shall be operating the service with the adherence to the current legal framework, while it shall also advance in the innovative technologies and business models for ever-growing future market. In fact, in terms of legal framework, there are only two entities in the fund operation, the investor and the asset management companies. Thus, in this regard, there is absolutely no need to bring in 3rd party in the agreement, and the system will always be P2P-oriented service.

The focus is rather given to provide more reliable fund information, and to strengthen various R&D activities with an aim to promote reliable asset management companies regardless of the management capital volume, and to implement regular monitoring system to spot unsuitable fund portfolios or asset management companies, turning the platform into a much more investor-oriented system and making itself the '**professional global community on asset management**'.

Going further, as per the description at [ Figure 8 ] on various expected effects through the Blockchain, the application of various features such as SMART Contract, Blockchain-based authentication, tamper-proof, and ever-strong security protocols will be just a few examples for the truly innovative asset management service to come.

# 3. Differentiation Strategies for AIDUS Business

## 1. Differentiation Strategies for AIDUS Business



**Fundamental Value-guaranteed Coin** ■
ICO fund management through QTS
Reaping both management yield profits and coin value appreciation

**Key Currency, the Real Currency** ■
Operation of a signle currency for signing and liquidation of fund portfolios

**AIDUS Coin**
Single key currency based on the true coin fundamental

**Smart QTS**
Usage of high profit solution through the proprietary QTS

■ Proprietary QTS
Full development of FOREX Trading-based QTS
QTS will only be provided to AMCs within the Platform
Addition into fund portfolio for stable high profit revenue

**AIDUS**
**GLOBAL D-FUND PLATFORM**

**Safety-oriented Decentralized Fund Market** ■
Blockchain-based Decentralization-oriented Market
Auto-Trading based on SMART Contract

**Investor-friendly Fund Market** ■
Free access to signing 7 redemption of global fund items
Minimum fees in various services for investors

**Decentralized Fund Market**
Investor-friendly global fund supermarket

**Leading Role in Digitized Asset Management Ecosystem**
AIDUS, aiming at revolutionizing the AMC market

■ Establishing Digitized Asset Management Ecosystem
Structuring of Global Consortium
Cooperation in establishing Digitized Asset Management-focused urban district

■ Operation of incubating funds for the Ecosystem
Promotion of innovative technologies and start-up companies (incubating role)

[ Figure 9 ] Differentiation of the AIDUS Business

The AIDUS Business is a business model that has been equipped with the following main 4 differentiation strategies from any other projects.

**1) Single Key Currency with Fundamentals and Real Currency**

When going through other ICO records, it is often case that they are seriously lacking protective measures for the investors. This is the reason why some of the ICO entities are now presenting various experimental methodologies for the investor protection.

It is also the case for the AIDUS Project Team, as depicted in the introduction of this Whitepaper, there has been quite an effort on the designing of a stable t o k e n .

One main strategy that has been implemented in our model is to prevent the devaluation of the AIDUS Token to zero in value by instilling fundamentals to ensure the functional utility of the AIDUS Token. With QTS as our proprietary asset, the AIDUS Project Team believes that it will be possible to execute such strategy.

By doing so, the AIDUS Project Team intends to create a truly real currency token model that can actually be used in the real economy along with the fundamentals instilled in the token, which was not possible even for both Bitcoin, the 1st generation cryptocurrency, and ETHEREUM, the 2nd generation cryptocurrency.

**2) High-Profit Solution through SMART QTS**

The AIDUS Project Team seeks to create of the world's largest professional asset management community through the decentralized fund market operation based on the ADFP.

In order to accomplish the goal, it is critical to attract various investors to our fund market which can only be possible by securing various competitive fund products on our platform. To do so, our proprietary QTS shall be the most powerful solution.

As more trust on our QTS is established, the more global asset management companies shall be in partnership with us to create various high-profit fund products on our decentralized fund market to be supplied to global investors.

### 3) Establishment of Investor-oriented Market through Decentralized Fund Market

The AIDUS Token-based decentralized fund market shall be the most efficient and investor-oriented fund market for the global investors wishing for asset management services. The entire process is applied with a smart contract, enabling efficient processing from the attracting of investors by the asset management companies to the expiration of the fund operation period. Blockchain technology will facilitate convenient processing for asset management companies while investors can freely browse through global fund portfolios.

### 4) Establishment of Digitized Asset Management Ecosystem

The asset management market keeps on changing through various types of collaboration among the players in the market, along with various new technologies being applied in the market.

The AIDUS Project Team seeks to establish an ecosystem devoted to "digitized asset management" and to take the leading role in this ecosystem. To do so, we have implemented a strategy of allocating a specialized budget for this ecosystem activation and for the usage of the QTS in this market, as to be a firm supporter for the activation of the digitized asset management ecosystem.

## 2.  Focus Target Group for AIDUS Token

'Who shall be the users of the AIDUS Token? And how many would they be?'

The focus target group for the AIDUS Token using the ADFP can be defined as every individual or an institution that is wishing to proliferate their own asset volume.

◆ **Gaming Industry**
- Target User: Gamers
- Market Volume: USD 108 Billion

◆ **Music Industry**

- Target User: Users of various music contents

- Market Volume: USD 17.38 Billion

◆ **AIDUS Target Market (Asset Management Market)**

- **Target User: Individual or institution interested in asset proliferation**

- **Market Volume: USD 85 Trillion**

### Comparison of Market Volume
(2017)

Unit : US$ Billion
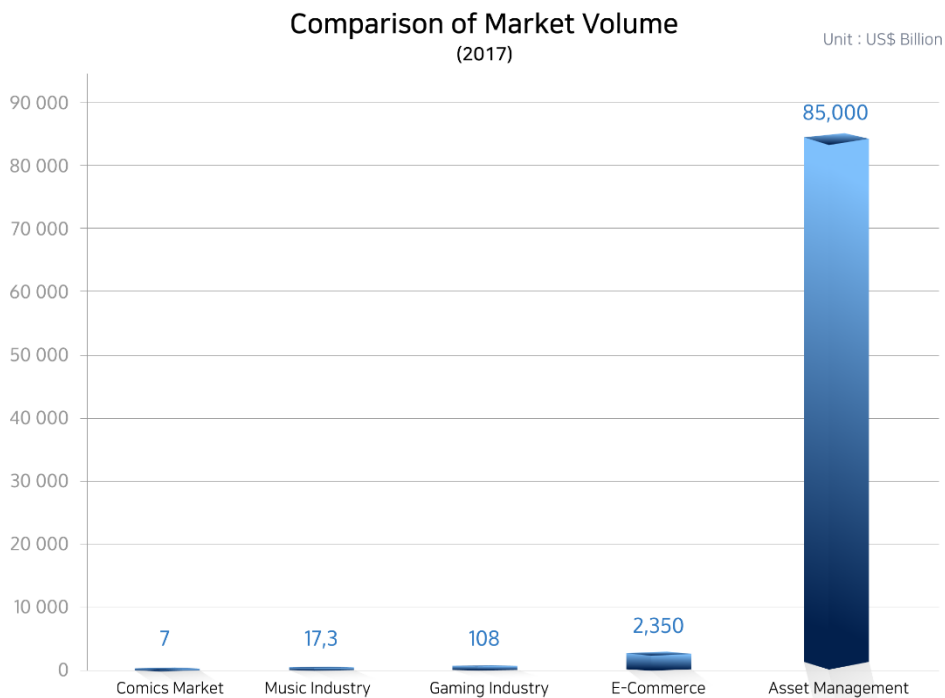


[ Figure 10 ] Comparison of Global Major Market Volume

As abovementioned, the focus target group for the AIDUS Business is anyone interested in the asset management.

If to be more specific, the target group could be categorized into individual and institution as per the table at [ Figure 11 ] on the Focus Target Group for AIDUS Business.

As such, potential buyers in the AIDUS Business is way far beyond the entire market volume of the cryptocurrency and shall basically be anyone active in the global economy.

[ Figure 11 ] Focus Target Group for AIDUS Business

The future growth potential of the AIDUS Token starts from the targeting the global a sset management market as its focus group.

# IV. AIDUS Token

## 1. AIDUS Token Summary

The AIDUS Token is used as the single key currency for the ADFP-based decentralized fund market.

The word AIDUS stands for the 'AI(artificial intelligence) + Sidus(star-in Latin)', symbolizing the best of the global asset management market.

The symbol of the AIDUS Token is 'AID' and is a token based on ERC20 token standard.

Investors and asset management companies shall be using the AIDUS Token during the signing into the funds, expiration of the fund operation period, and redemption at the ADFP-based decentralized fund market.



[ Figure 12 ] Usage Structure of AIDUS Token

Investors wishing to engage in the asset management company can buy the AIDUS Token from a crypto exchange and can sign into the asset management company's fund through the AIDUS platform. Asset management companies publish various information on the AIDUS platform so that the investors could select the fund, and when the investor selects the fund, SMART Contract will be the basis for the settlement.

Then, after operating the fund the asset management company shall purchase the AIDUS token again at the exchange, according to the fund operation profit to be paid to the investor.

During this transaction, when signing into the fund of the asset management company , the amount proposed by the asset management company is converted into the market price of token during then, which the investor shall buy at the exchange to sign into the fund. The asset management company also pays tokens after converting funds into the current price of token according to profit after the fund management.

In the above manner, the AIDUS Token is used for signing into various global fund items created by global asset management companies and as well as facilitating easy redemption to the existing fund portfolio.

AIDUS Token does not try to represent itself as 3rd generation cryptocurrency and it does not try to develop difficult Blockchain technologies as it is the case for many other ICO projects. Rather, the AIDUS is focusing on the strengthening of various features related to the Blockchain technologies such as the token itself, platform, security, stability, and SMART Contract for safe transaction.

AIDUS is aiming at truly creating a 'valuable token' through business models, and has now developed the said business model that will enable the current value of the token, not just restricted to the future listing value like other token, and to enable an actual immediate usage on the ADFP.

The AIDUS Token's main features can be summarized as following.

**(1) Core Features of AIDUS Token**

**1) Real Currency**
As investors can actually use the token at fund market during signing and redemption of fund items, AIDUS Token can be immediately used in real economy.

**2) Token having fundamentals**
50% of the ICO-raised capital shall be managed by QTS, securing 100% of the ICO-raised capital within 3 years as the fundamental to the token, making the token safe as it shall never plummet below a certain degree.

**3) Continuous value increase potential**
As the fund volume at the platform expands, and as more people will sign into the fund items, the more demand it will be for the AIDUS Token.
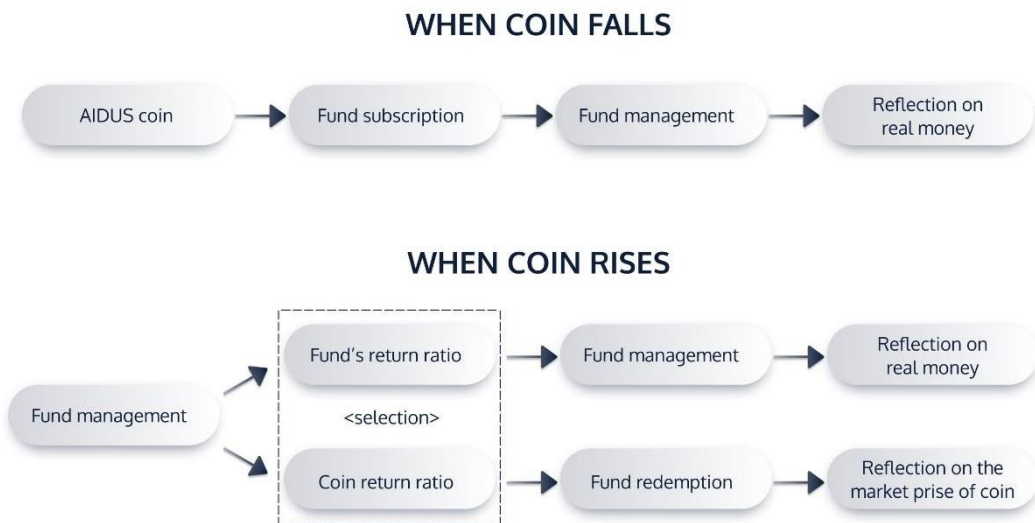
## 2. AIDUS Token aimed at Maximizing Profit

If you look at the AIDUS Token closely, you will see an interesting phenomenon in it.

First, if you sign into a fund with the AIDUS Token, the real money's yield rate will be c hanged according to fund management.

Second, if you have the AIDUS token, the token's yield rate will fluctuate as the token's value fluctuates.

When you have already signed into a fund, you will not be affected by the rise / fall of AIDUS token price, but you will be affected by yield rate of the fund that is operated in the real economy. If you did not sign into a fund but just have AIDUS Tokens, you will be affected by the rise / fall of token but not related to the real economy.

**WHEN COIN FALLS**

AIDUS coin → Fund subscription → Fund management → Reflection on real money

**WHEN COIN RISES**

Fund management → Fund's return ratio → Fund management → Reflection on real money

<selection>

Coin return ratio → Fund redemption → Reflection on the market prise of coin

[ Figure 13 ] Maximizing of AIDUS' Token Yield Rate

What if you estimate that the token price will fall? You can sign into a fund and reflect the fund's earnings, which is by the real economy.

What if the token price rises? When you compare the fund's yield rate with that of the token's, if the fund yield rate is better, it will be better to operate by the fund, otherwi se it would be better to terminate the fund and reflect earnings on the token's market price.

Of course, when you terminate a fund at the mid-term, you will have to pay a certain fee to the asset management company, but this is unavoidable because it is the same in the real economy, and choice is yours to decide.

Especially, nowadays, different kind of regulations and guidelines for each country are presented on crypto market, and as a result there is a high volatility and fluctuation in the crypto market. However, AIDUS Token is not influenced by the national ICO policy because if the price of the AIDUS Token falls due to the policy as mentioned above, the effect can be minimized by signing into a fund with a good yield rate as an alternative.

Moreover, as described at 'Ⅲ. AIDUS Business', '2.1. Adoption of a Single Key Currency' that revenue generation from both the rise of AIDUS Token value and from the yield rate of a fund portfolio, the users of the AIDUS Token shall have a hands-on experience of the innovative value of the AIDUS Token.

As such, the AIDUS Token is using an innovative concept of token as the investor could choose either the token market price or fund yield rate. Is there any other token in the market that can maximize the profit in this manner?

**"Currency that can be used as a cash but can also choose between fund yield rate or token profit or expect a rise from both areas."**

This is what the AIDUS has been pursuing long after, the cryptocurrency that can instill a profit maximizing strategy in it.

# Ⅴ. QUANT TRADING SYSTEM(QTS)

Before describing the ADFP, we would like to describe another business  model.

There is a keyword at 'II.2.1. The NEED and Core tasks of investors and asset  management companies' as '**Third is the providing of a high-profit solution**.' This  means that even the platform is targeted worldwide, if it cannot build the high profit  programs that investors want, they will not use our platform but use their more  profitable domestic funds.

Therefore, we intend to link high profit programs that can generate strong returns on  fund management with asset management companies who use our platform, to  maximize the synergistic  effect

## 1. What is Quant Trading System?

The Quant Trading System (hereinafter referred to as "QTS") has undergone 15 years  of research and development and has been commercialized three years ago. QTS is a  system operated through collecting and analyzing big data for the past 30  years.

## 1.   Why is QTS optimized at FOREX(Foreign exchange) market?

**1) Interactive transaction**

FOREX trading is a market that is traded in both directions of sell and buy. It is a  structure in which profit is generated not only in an upside (buy) condition such as  the stock market but also in the case of a downside (sell)  condition.

**2) Daily trading volume**

$ 5.3 trillion is traded every day, as it is the single biggest trading market in the world  based on daily trading volume among financial asset trading markets. There is not  much influence from speculative or manipulative trading or operation of certain forces

as it is the case in the stock market.

## 3) Stability

The exchange rate of currency, which is the basic element of FOREX, is determined by trade volume and national policy, so it can maintain relatively stable flow.

## 4) Diversity of operation

It is possible to use various strategies by changing PIP interval setting and algorithm.

## 1.2. QTS Structure
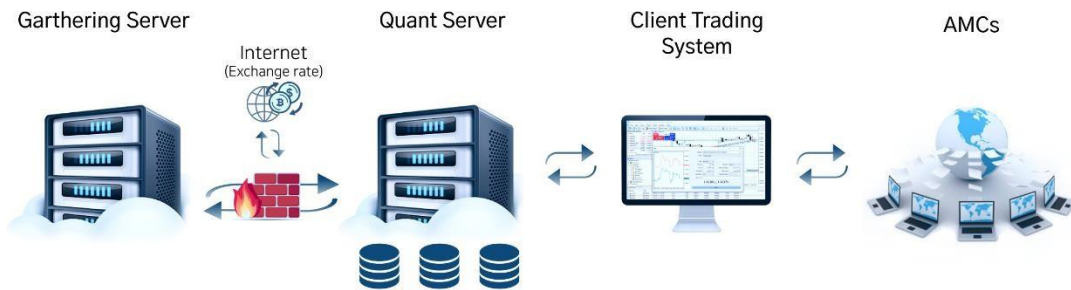


[ Figure 14 ] Quant Trading System Structure

## 1) Gathering Server

It is a server that stores Big Data for about 30 years and collects new data.

## 2) Quant Server

It communicates with Gathering Server and Client Trading System, analyzes data collected from current transactions and Gathering Server, and provides information to enable Client System Trading program to sell and trade correctly.

## 3) Client System Trading.

Based on the information of Quant Server, it conducts FOREX trading through Client's Fund account. In conclusion, QTS conducts the optimal transaction and generates the most stable profit by using the AIDUS algorithm and the data collected through the role of each server, and it generates the most stable profit by conducting the optimal transaction.

## 1.3. QTS Trading Technique

### (1) QTS based on FOREX Big Data

① Do not see the chart.

② If the sample is constant, the statistics do not change.

③ It is based on a thorough analysis without any prediction.

### (2) The core of QTS trading technique

① Analysis through Big Data

The best deal point is selected by a series of graphing and data block arrays through the collection and analysis of FOREX Big Data for about 30 years, by real time analysis, and also by means of detailed analysis of the point of time of the transaction and leveling by each analysis point.

① The law of algebra based on Quant analysis

AIDUS's Quant Trading System applies the law of algebra, which is based on Quant analysis, to carry out the transaction in the most ideal way.

* *Law of algebra.*

*If we analyze the data of a whole group which is infinite population or its size is too large to be technically surveyed; or when the scale is so large that it is not technically possible to conduct a full investigation, it points to observe the case of algebra in order to grasp the intrinsic nature of the group and make the data the basis of the subject of the investigation.*

## 2. QTS Performance

## 1.  QTS Management Performance Overview

QTS has gone through various pilot testing until 2015 along with regular revisions and updates to be the current solution. Since 2016, there has been public evaluation of the system through collaboration with asset management professionals for public pilot  fund management. Below chart is the record of historical returns for the past 3 years of  operation.

### Cumulative Return 2018. September
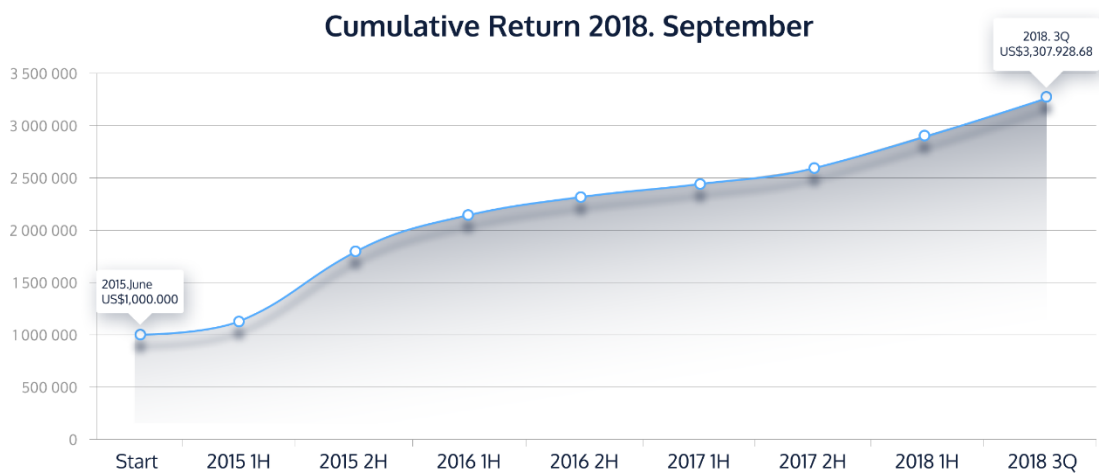
[ Figure 15 ] Management Record from 2015 June to 2018 September
On the account of Iron FX, ID 3868724

Ted Min, COO of AISYS Global, has a total yield rate of 230.7% (average annual return of about 70.9%) for thirty nine  months.

## 2.2. Performance Record of Pilot Fund and Virtual Account using  QTS

※ SUMMARY.

(1) Target: 11 accounts total including 3 accounts of Pilot Fund and 8 virtual accounts.

(2) Operating Period: From minimum 2 months up to  39months

(3) Average annual yield rate: 98.95%

In this way, QTS can strategically use aggressive fund management and stable fund management through PIP setting and algorithm alteration.

The above records have been an opportunity to accumulate the needful expertise and experience to design fund portfolios and its know-hows and as well as to strengthen the stability of the system, which is the single biggest factor in the conventional fund operation market.

Moreover, the operating principle is to transparently publicize all the transaction datasheet through an outside notarization agency.

| No | Name | Account No. | Started Deposit | Balance | Return Profit | Weekly Earning | Rate of Change per Week(ROC) | INVESTMENT PERIOD | PIP | Annual IRR | Remark |
|----|------|-------------|-----------------|---------|---------------|----------------|------------------------------|-------------------|-----|-----------|--------|
| 1 | Ted Min | #3268274 | 2015.06.18 USD 1,000,000 | 2018.09.28 USD 3,307,927.68 | 230.7% | +USD32,737.99 | +3.27% | 39 months | 2,000 PIP | 70.9% | Operating now |
| 2 | Min | #59516 | 2016.06.15 USD 1,000,000 | 2018.09.28 USD 3,068,552.00 | 206.8% | +USD27,091.42 | +2.70% | 27 months | 3,000 PIP | 91.9% | Operating now |
| 3 | Kyungyun H** | #59517 | 2016.06.15 USD 1,000,000 | 2018.09.28 USD 3,737,170.89 | 273.7% | +USD80,645.65 | +8.06% | 27 months | 3,000 PIP | 121.6% | Operating now |
| 4 | David C*** | #67971 | 2016.08.30 USD 1,000,000 | 2018.09.28 USD 2,929,986.72 | 192.9% | +USD20,127.87 | +2.01% | 25 months | 3,000 PIP | 92.5% | Operating now |
| 5 | Michael L*** | #68199 | 2016.09.01 USD 1,000,000 | 2018.09.28 USD 2,781,982.72 | 178.1% | +USD26,846.46 | +2.68% | 25 months | 3,000 PIP | 85.4% | Operating now |
| 6 | Feng B*** | #70366 | 2016.09.27 USD 1,000,000 | 2018.09.28 USD 2,749,798.32 | 174.9% | +USD22,252.23 | +2.22% | 24 months | 3,000 PIP | 87.4% | Operating now |
| 7 | Eddy H | #2711267 | 2017.03.27 USD 500,000 | 2018.09.28 USD 1,311,047.73 | 162.2% | +USD29,248.48 | +5.84% | 18 months | 3,000 PIP | 108.1% | Operating now |
| 8 | Keith L | #83165 | 2017.03.01 USD 1,000,000 | 2018.09.28 USD 2,419,625.86 | 141.9% | +USD12,958.67 | +1.29% | 19 months | 3,000 PIP | 89.6% | Operating now |
| 9 | Angel V*** | #11633 | 2017.07.20 US$200,000 | 2018.01.11 US$260,511.87 | 30.2% | - | - | 6 months | 3,000 PIP | 60.4% | Exit (Real Money) |
| 10 | Eddy K** | #76682 | 2016.03.07 USD 21,079.30 | 2016.07.03 USD 28,682.30 | 36.1% | - | - | 3 months | 1,000 PIP | 144.4% | Exit (Real Money) |
| 11 | Antonio *** | #42152 | 2016.12.29 USD 300,000 | 2017.03.14 USD 368,112 | 22.7% | - | - | 2 months | 3,000 PIP | 136.2% | Exit (Real Money) |

[ Figure 16-1 ] Performance Record of Pilot fund and Virtual Account for 3 years

(4) Main figures in the Pilot Management

① David Chen – CEO of AISYS Global, **AngelVest Group** Co-founder & Leader

- *AngelVest Group - Largest investment group in Shanghai, China (http://angelvestgroup.com)*

* Co-founded the Hanson Robotics which has developed Sophia, an artificial intelligence robot

② Ted Min - COO of AISYS Global, QTS developer and designer based on Quant analysis

※ The annual yield rate was calculated on the basis of the situation where the real operating account is operated for one year.

※ The virtual account and the market for the transaction use the same data of the actual trading market, so the transaction result is not different from the actual operating account.

※ The virtual accounts and real transaction accounts were traded through LAND FX and Iron FX's MT4 Application.

※ In this chart, we can see that all accounts in the AIDUS's Quant Trading System have been started differently and have different trading periods. This proves that stable earnings are generated in all various situations that occurred, not only in certain time periods or in specific circumstances.

(5) Qualification of notary public for QTS asset management profit rate

QTS Asset Management Performance will be notified by accounting firm and law firm and announced through AIDUS ICO homepage every week.



[Figure 16-2] Independent Accountant`s Report from "PKF O'Connor Davies "

## 2.3. Verification on Stability of QTS

The stability of QTS has been proved through this practical operation for three years. If the volatility of the fluctuations in the FOREX trading is very large, most of them will see a margin call or a big loss, but QTS has a stable profit even in the case of rapid fluctuation of trading.

### (1) Brexit - June 24. 2016

On June 24th 2016 during the Brexit by UK, QTS **secured a stable profit of 29.6% even in the event of a plunge of about 2,700 PIP**



[ Figure 17 ] FOREX Volatility Chart during Brexit Declaration

## (2) U.K Pound Plunges - Oct. 7. 2016

On October 7th 2016, the Pound of U.K **was plummeted to 1,400 PIP, but the QTS  gained 9.2%.**



[ Figure 18 ] FOREX Volatility Chart during Hard-Brexit  Declaration

## (3) USA Presidential Election - November 2016

At the time of the US presidential election, **there was a wave of 1,500 PIPs, but QTS earned 8.5%.**



[ Figure 19 ] FOREX Volatility Chart during Release of US Presidential Election  Result

As such, QTS is a trading system that maximizes profits while minimizing risk in  various environment and even in extreme  environments.

## 2.4. Yield Rate Comparison with Global  AMCs

AIDUS's Quant Trading System has a comparative advantage in comparison with the  world's leading asset management companies in the yield rate  comparison.

Renaissance Fund, a world renowned hedge fund is recording an annual yield rate of  15.6% to 16.5%, ranking the top reputation in hedge funds, while Kensington Fund  and Wellington Fund are ranking similar yield rate of 14.3% during  2015.
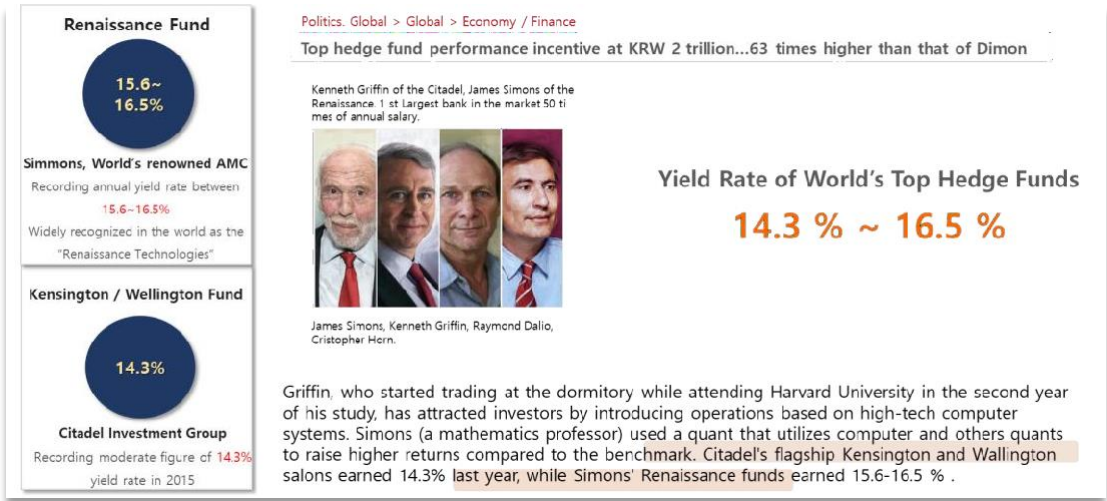
[ Figure 20 ] World's Renowned AMCs Yield Rate Status

As for Mr. David Chen and Mr. Ted Min, the core executives of the AIDUS Project, have recorded 92.5% and 70.9% yield rate respectively (annual IRR basis) during the pilot fund's operation for over the past 39 months, which are seriously remarkable figures.
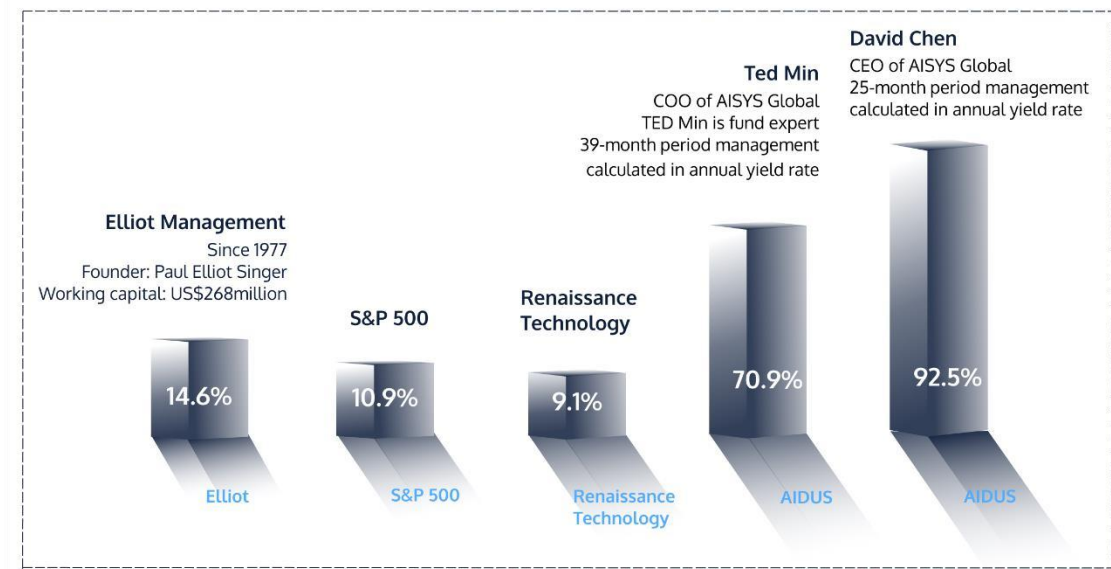


[ Figure 21 ] Comparative Chart for Mr. David Chen and Mr. Ted Min's
Pilot Fund Operation Performance – Based on May 2018 Data

However, it might be somewhat difficult to quickly jump into the conclusion favorable to the QTS just by looking at the above simple comparative chart.

As what is important is the strategy for the designing of a suitable fund item.

## 2.5. Fund Portfolio Strategy utilizing QTS

The AIDUS Project Team shall be applying an algorithm that has been further improved in its stability when compared to the algorithm used during the QTS pilot fund operation.
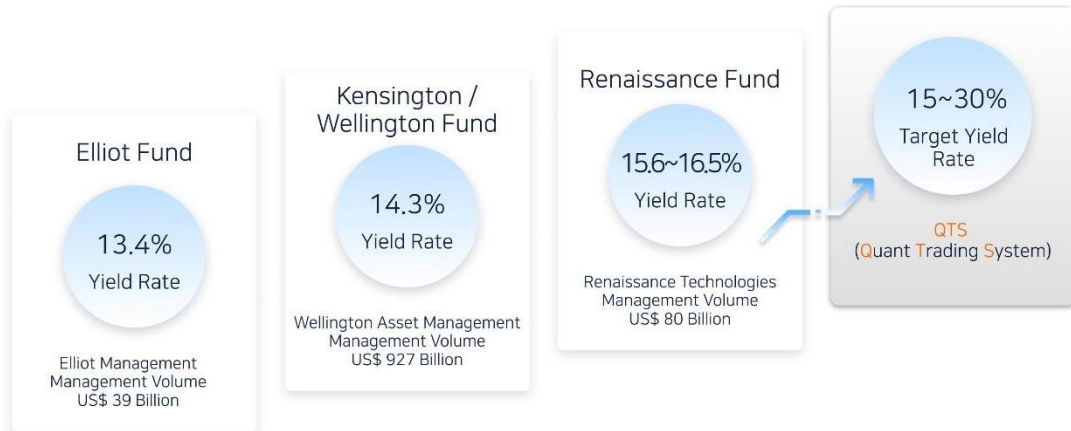


[ Figure 22 ] QTS-applied Fund Portfolios Target Yield Rate

In other words, the QTS-applied fund portfolios will be intentionally lowered to 15% to 30% annual yield rate in order to strengthen its stability to equip enough competitiveness in the conventional fund market.

In this regard, we shall be using the following two strategies to enhance the stability.


### (1) Applying Stability-enhanced QTS Algorithm

The algorithm used for the pilot fund and virtual account operation during the past 3 years has also been focused for the testing of its stability. Thus, the records were achieved with an effort to test the achievement and performance in various risk situation and through usage of various pattern-based algorithm of the QTS.

However, in order to penetrate the conventional fund market, we shall be applying 2 to 3 times more enhanced algorithm in terms of its stability, along with our strategy to design a fund portfolio with higher portion allocated for the QTS application.

**(2) Collaboration Strategy with various AMCs' portfolios**

Asset management companies can utilize the QTS to design various structure of fund items depending on the fund characteristics, competitiveness, and target yield rate.



**Smart QTS**

FX Margin 50%    Bond Fund 50%

**Estimated Yield**

Bond Fund — 3-8%
FX Margin — 30-50%

0    10    20    30    40

**Management Strategy**

- 50% allocated for bond fund for safety
- The other 50% allocated for FX margin for aggressive investment
- Aiming at 3~8% yield rate for bond fund
- Aiming at 30~50% yield rate for the FX margin
- Total: aiming safe yield rate of 15~30%

**Profit Model**

Profit model has been established in a sharing structure of Management Fee and Performance Fee with hedge fund and finance companies

| Type | Profit Sharing Rate |
|---|---|
| Management Fee | 2% |
| Performance Fee | 20~50% |

[ Figure 23 ] Sample Fund Portfolio Structure using High stability QTS

As depicted in the above figure, the QTS will enable the asset management companies to create a unique fund portfolio reflecting the needs of the investors.

# 3. QTS Operation and Profit Model

QTS is based on the structure that the asset management company should first be in a contractual relationship on the AIDUS platform to, then, have a separate agreement and contract with the AISYS GLOBAL PTE. LTD..



[ Figure 24 ] QTS Contract Flow

In other words, it is necessary to enter into the AIDUS platform to use the QTS. The  as set management company may not use the QTS if the company doesn't want, or  the a sset management company can generate a fund linked to QTS such as bond or  stock. However, when the contract is made, the accurate investment amount should  be confir med and then operated.

QTS usage fee is as follows.

1) Management Fee - 2% of initial investment  amount

2) Performance Fee - 20%-30% of investment  profit

The above fees are slightly lower than the average management commission fees of  ot her asset management companies, and may be adjusted depending on the  situation.

In addition, since QTS operation is operated by AISYS GLOBAL PTE. LTD. regardless of ICO, fees and usage rights are subject to the policy of AISYS GLOBAL PTE.  LTD..

# VI. AIDUS Global D-Fund Platform

The official name for the platform is the 'AIDUS Global D-Fund Platform', or referred to as 'ADFP' as its abbreviation.

The reason behind the creation of ADFP is mentioned in [II.2.1. The NEED and Core tasks of investors and asset management companies], as we are aiming at creating the world's biggest professional asset management community and platform in which global investors can freely join to access to the global asset management market.
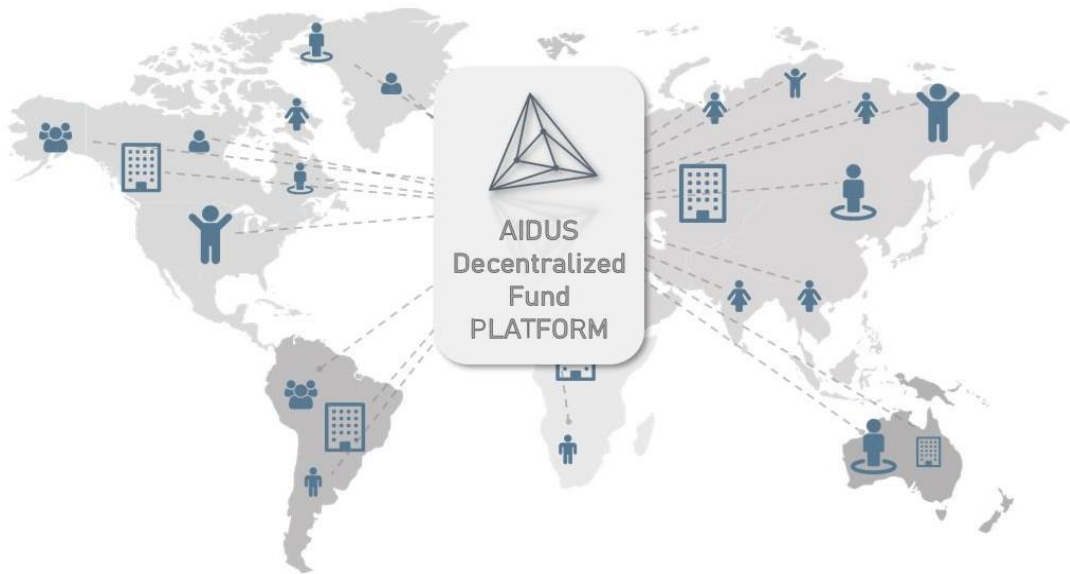


[ Figure 25 ] Connecting to Global Asset Management Market through ADFP

ADFP can only be used through the AIDUS Token, allowing the users to be connected to the world market without any exchange service.

Investors can get access to any fund in any country through fund information from around the world, and asset management companies can promote and attract investors also from all around the world.
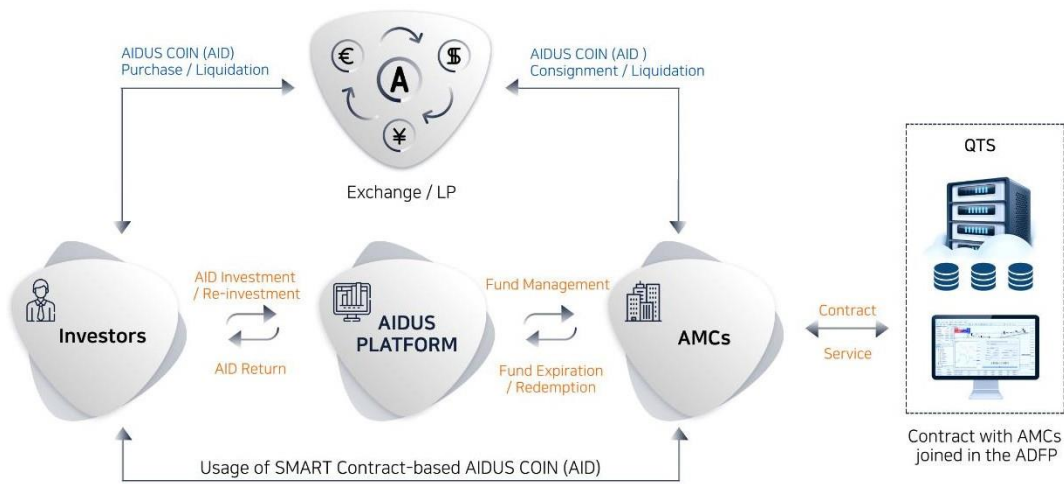
[ Figure 26 ] Operational Structure of ADFP-based Decentralized Fund  Market

Investors who have joined ADFP can automatically create wallets within the  platform, operate AIDUS's functions like HTS, and use MY Page to get the token quantity / fund information favorites / yield status / personal information in  real time.

The asset management company can easily manage the fund product  promotion and opening, subscription status, real-time yield rate and  redemption by using the decentralized fund market, and satisfy the  requirement to use the QTS that has been developed by the AISYS GLOBAL  PTE. LTD..

In addition, as all of the process laid out above are identical with that of the  process taking place in the real economy, and that there is not a single room  that might cause a legal issue, as investors and asset management companies are applied with their own local regulation. In fact, it is because the asset  management company is the one which has created and operated the fund in  accordance with the local financial laws of the applicable country and that it is  the one that has attracted the investors.

# 1. ADFP-based Decentralized Fund Market Structure

There are various service features at the ADFP, but we shall first focus on the explanation of the decentralized fund market model as it constitutes the core feature of the ADFP.

## 1.1 Basic Structure of ADFP-based Decentralized Fund Market

Main participants of ADFP-based decentralized fund market are investors, manag asset ement companies, and the ADFP used by them.
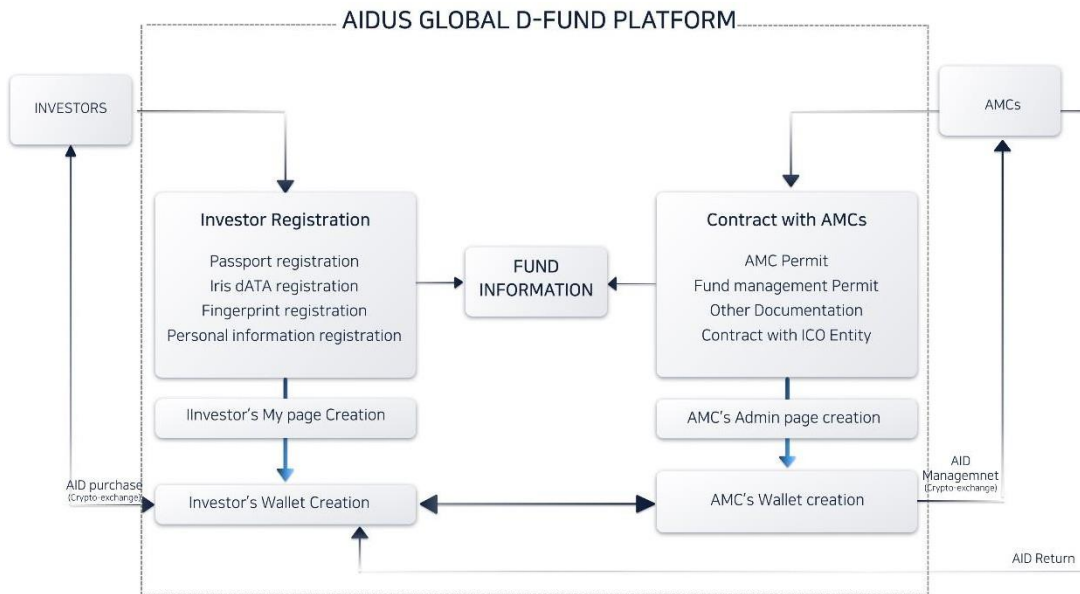


[ Figure 27 ] Basic Structure of ADFP-based Decentralized Fund Market

The ADFP platform allows investors to become members and sign contracts with the as set management company to use the ADFP platform. Here, ADFP simply provides the pl atform and does not engage in any contracts between investors and asset management companies at all. In other words, ADFP is the same as an open market or a direct deal market, where all funds are traded only by the investors and asset management compa nies.

## 1.1.1. Fund Usage Structure by Investors

The investor purchases AIDUS Tokens after signing up in the platform, transfers the token to the member's wallet within the platform, confirms the fund information, and identifies the fund which he would like to join in ADFP. When an investor signs up for a desired fund, he needs to invest the corresponding amount of AIDUS Tokens since the amount of the fund is based on the real currency. After signing up, the asset management company will manage the fund and the investor will receive his yield in the AIDUS Token to be paid into the investor's ADFP wallet, matching the revailing real currency value, during the fund maturity or mid-term closing.
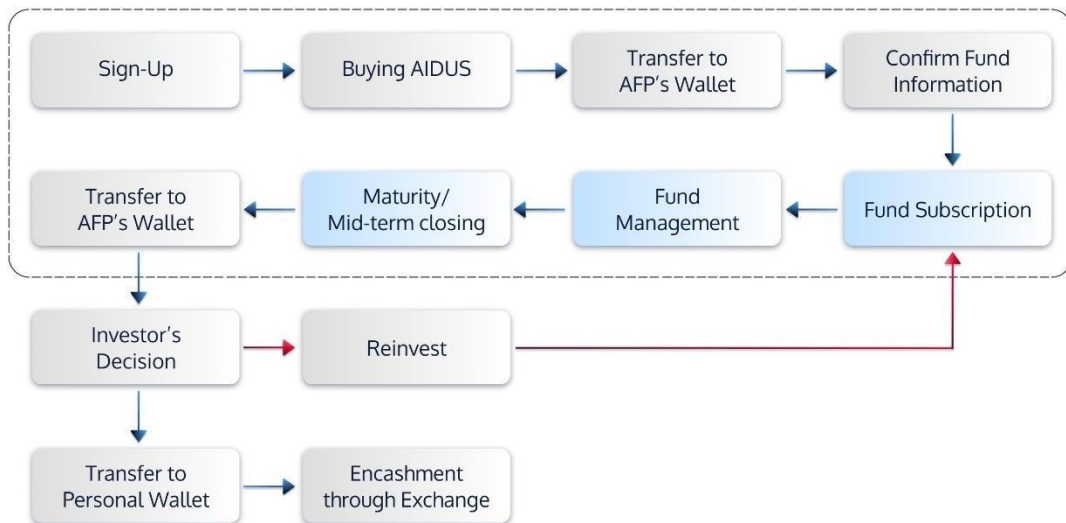


[ Figure 28 ] Fund Usage Structure by Investors

At this time, the investor has a chance to choose how to get the yield return either in cash or in AIDUS, depending on the asset management company, when he signs up for the fund.

If you want to cash out when you hold the AIDUS, you can transfer it to your personal wallet and convert it to cash on a regular market exchange. If you want to reinvest money, you should check the information of funds and sign into a fund through AIDUS Token in the ADFP wallet.

Since the investor's assets are being converted into cash and being managed as funds by the asset management company during the <fund signing in>, <fund management>, <maturity / mid-term closing> as depicted in [Figure 27 Fund Usage Structure by Investors], they are affected not by the market price of AIDUS Token, but by real currency economy. In other cases, the market price of AIDUS Token will be applied in the pricing.

As it was explained in [IV. 1. AIDUS Token Summary], one of the core elements of the AIDUS Token is the profit maximization strategy that was instilled in the token itself. Thus, every investor must carefully contemplate on this are before making fixed investment decisions.

The investor wallet within the ADFP is privately owned, and even though the AIDUS Token is in the wallet, it is not yet cashed or funded, so it is affected by the market price of AIDUS Tokens. Therefore, the investor can regard the wallets in the ADFP as his/her own wallet, and that it can be easily understood by approaching the concept of linking his/her bank account with a private account in HTS for Stock Trading.

## 1.1.2. Fund Usage Structure by AMCs
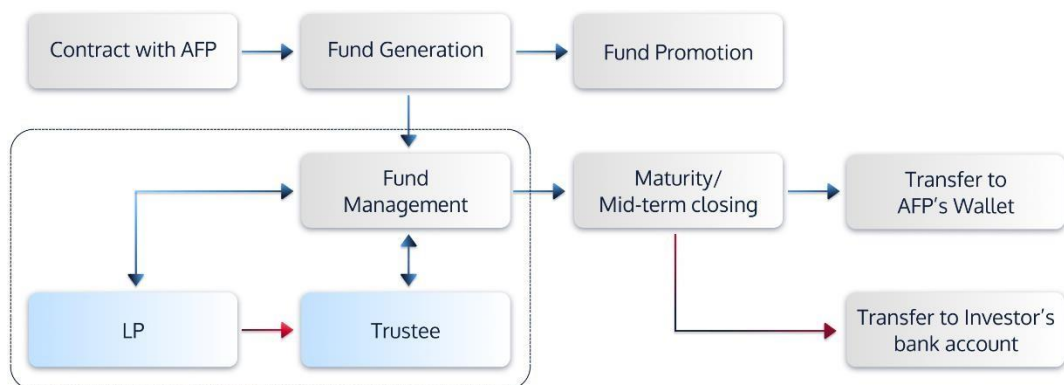


[ Figure 29 ] ADFP Fund Usage Structure by AMCs

After signing the contract with the ADFP, the asset management company can create a fund through the AMC's Admin Page, and publicize the relevant information through the fund information page. When investors sign into the fund, asset management company cashes the AIDUS sent by the investor into the company's wallet and manages the funds through SMART Contract.

In the event of a fund's maturity or mid-term closing request, the asset management company will purchase the AIDUS Tokens corresponding to the yield return from the exchanges as per the value of real currency and that will be paid to the investor. In this case, the date and method of payment shall be notified to the investor prior to the fund's entry and paid on the correct schedule, and the AIDUS payment or cash payment shall also be agreed upon by the contract when investors sign into the fund in the first place.

In addition, just as in the real economy, every asset management company designates a trustee to protect investors' investments, and by doing so, the actual investment funds must be managed by the trustees. This will be explained separately in the terms of the contract.

If investors invest in large quantities or ask for a large amount of redemption, which might trigger the AIDUS' market price to fall / rise, in which the asset management companies can be affected by the market price. In order to prepare for this, we must secure liquidity supply through contract with a LP(liquidity provider). If the asset management company can supply liquidity on its own, LP may not be needed, so the asset management company can choose to use LP for its service.

## 1.2 Structure of Registration / Contract Signing in Fund Market

ADFP does not guarantee anonymity in the business model structure. This means that the investor must certify himself / herself at the time of signing the fund, and the asset management company must have a certificate issued by its own government in order to ensure trust.

Therefore, in ADFP, the investor must fill in the matters related to KYC (self- certification) and AML (anti-money laundering) when signing up. This is a system that all participants of the ADFP must go through, and especially for investors, because as it is an international fund transaction, it is necessary to register an internationally recognized passport identification.

Asset management companies can use ADFP only through a contract with ADFP, not just a membership. The reason is for the "investor protection". In many countries, there are tight regulations regarding the number of permits, such as an asset management license, a fund management license, a joint venture certification, a vendor certificate, asset reserves, and payment reserves for the same purpose.

ADFP has a duty to notarize and verify all of these in order to make a contract with an asset management company for the protection of investors through a legal company in each different country. Therefore, ADFP can be used only by reliable asset management ent

company through the ADFP membership and contract policy. In addition, the asset management company limits the fund recruitment amount when the fund is created by asset holdings and reserve funds.

For clarification, this is not about creating every new concept but to only enable real asset management companies that have already received the proper license in the real economy to join in the fund market. Of course, these companies do not necessarily have to get every permit from every country, but if there is a specific regulation that prohibits investment from a certain country and that if an asset management company in the ADFP does not satisfy the specific condition, in this case, there will be a function that prevents the settlement of agreement within the fund market.

In addition, under the ADFP contract, the asset management company should translate the company introduction and fund information into English, Chinese, Japanese, German, Russian, Korean and Spanish, and inform the investors of the fund information when signing into the fund. This is the basic service that has to be provided as our platform is targeting for advertisement and marketing to global investors.

## 2. ADFP-based Decentralized Fund Market System
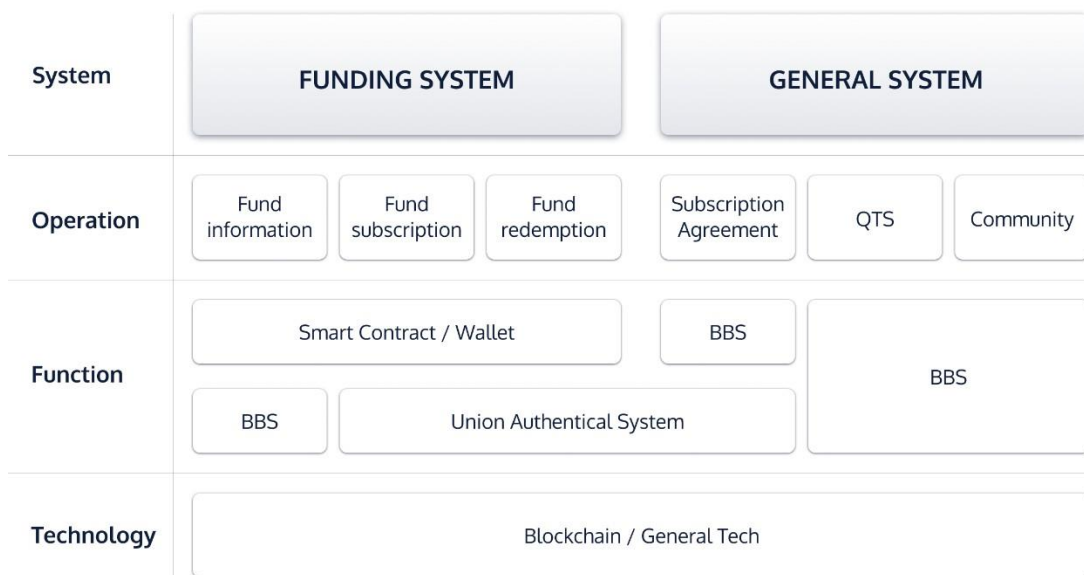


[ Figure 30 ] ADFP-based Decentralized Fund Market System Structure

## 2.1. Features and System of ADFP-based Decentralized Fund Market

The features and the systematic structure of the ADFP-based decentralized fund marke t is as depicted in the blow diagram.

The system is based on the ETHEREUM Network consisting of SMART Contract, Co- au thentication feature, fund information system, wallet system and various related featur es for the platform.
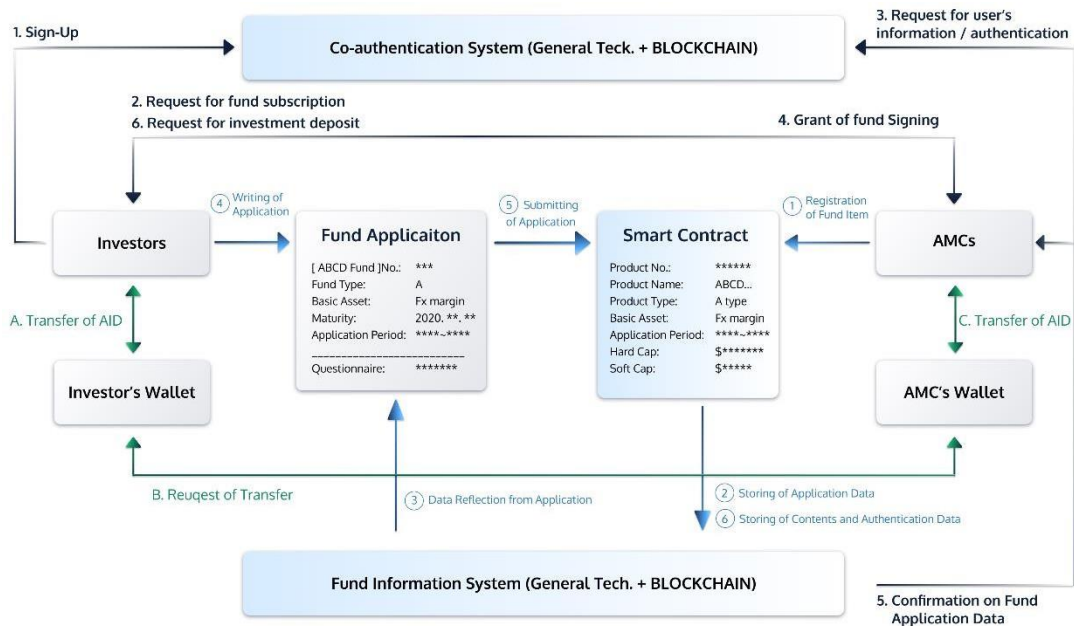


[ Figure 31 ] ADFP-based Decentralized Fund Market System Structure

### 2.1.1. SMART Contract

ADFP's system is a structure that caters signing into and reselling of funds online, so it is important to sign contracts with investors and asset management companies using SMART Contract. Therefore, AIDUS Token must be transferred from the investor's wallet to the asset management company's wallet automatically when the specific contract h as been settled. Also, in the case of the fund operation period maturity / mid-term fun d withdrawal, AIDUS Token will be transferred from the asset management company's wallet to the investor's wallet. In addition, each specific process will be automatically r eflected with the application and contract writing and customer authentication informa tion, in a manner that the relevant information shall be automatically updated. Most o f these functions are based on the already existing

technologies, but the Blockchain technologies will be applied specifically to investor information and contract information that require security enhancement.

### 2.1.1.1. Investor Registration Contract

Investors can register on the fund market by using AIDUS Dapp or through the website provided by ADFP. AIDUS creates an ETHEREUM user account through METAMASK Wallet (Chrome Extension) or through the MyEtherWallet, then encrypts and stores the investor's personal information, specific Nonce (uint256) information and the ETHEREUM user account in the IPFS(Interplanetary File System) network, and receives Hash (Contents Address) information for accessing the corresponding personal information from the IPFS. Therefore, personal information can only be accessed by the user, and the decryption key that can be decrypted is also stored in the IPFS and given a separate hash (Contents Address). In other words, only the user can access personal information through IPFS and decrypt the personal information. AIDUS then registers only the IPFS hash information in the ETHEREUM Blockchain that can access private information using SMART Contract.

## INVESTOR REGISTRATION
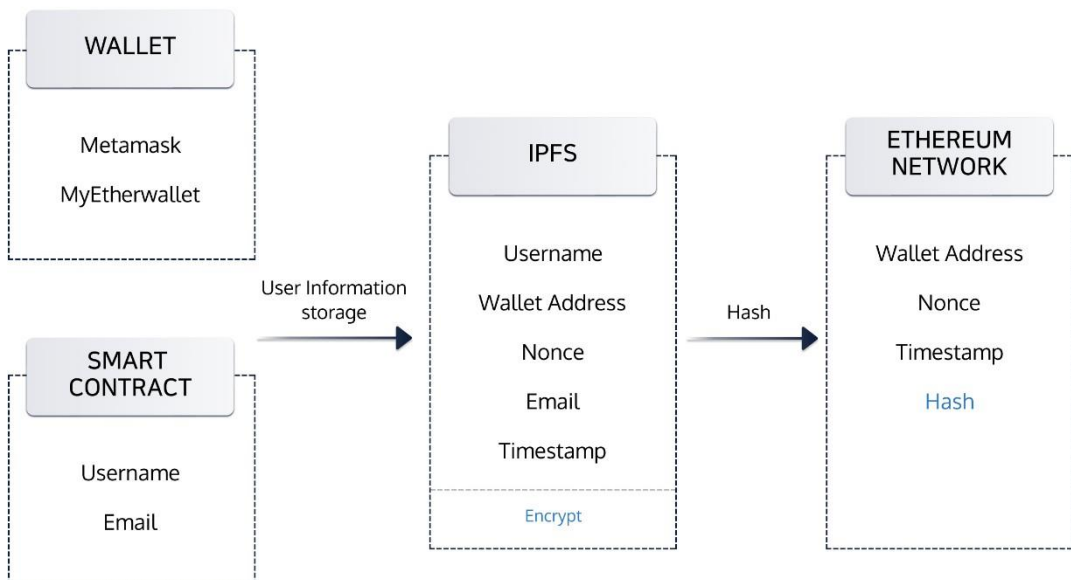


[ Figure 32 ] Investor Registration Contract Structure

## 2.1.1.2. AMC Registration Contract

The membership registration process of the asset management company consists of t wo stages. The first stage includes the data storage process of asset management co mpany's personal information, which is similar to the one which is used with general in vestors.

The second stage includes the data storage process of the reference information of th e asset management company that should be accessible to the investors, which is pub licly stored in the IPFS by serializing it as Json File. Therefore, the Hash information cor responding to the information of the asset management company of the second step stored in the IPFS and the Hash information of the decryption key are registered in th e Blockchain through the SMART Contract of the AIDUS token at the same time as the signing up.
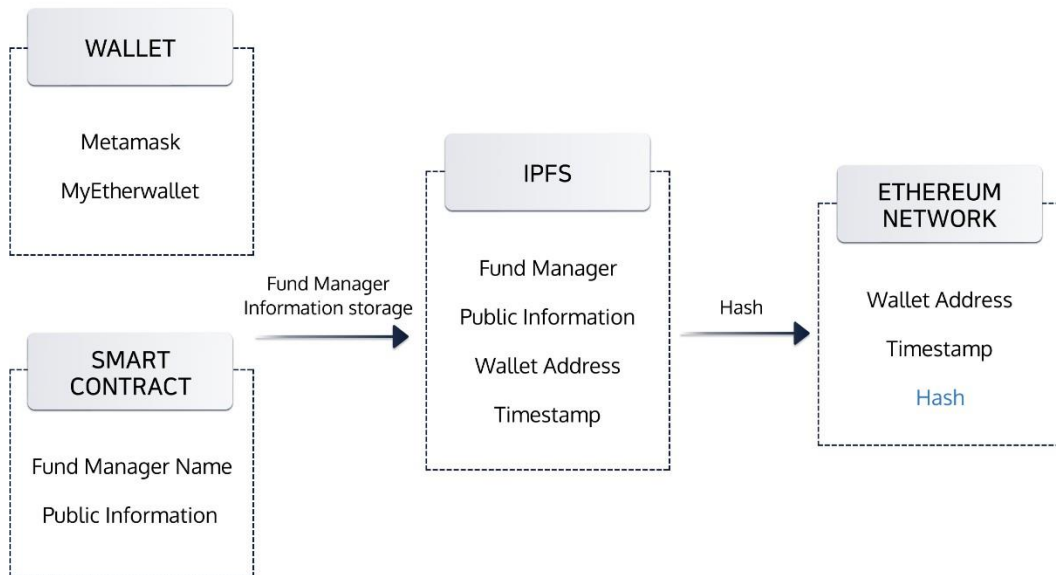


[ Figure 33 ] AMC Registration Contract Structure

## 2.1.1.3. Fund Registration Contract

When registering a new fund information, SMART Contract based on the ETHEREUM  user account of the asset management company is being used to create a new  SMART Contract (CA, Contract Account) and register it in the ETHEREUM  network.

At this time, the fund name, the fund type, the evaluation grade, the base price, the  scale of the fund, the total commission, the management company, the information of  fund managers, various reports (investment manual, investment protocol, management report, asset management report, and etc.), fund redemption method, fees, and etc.  are registered in the ETHEREUM network, and the owner of the SMART Contract  Address of the fund becomes the asset management company who created the  fund.

At this time, EVM (ETHEREUM Virtual Machine) Storage is a structure for mapping key / value, and since both key and value use 256-bit size, various report files are  uploaded to IPFS and only Hash information is registered in the ETHEREUM network.
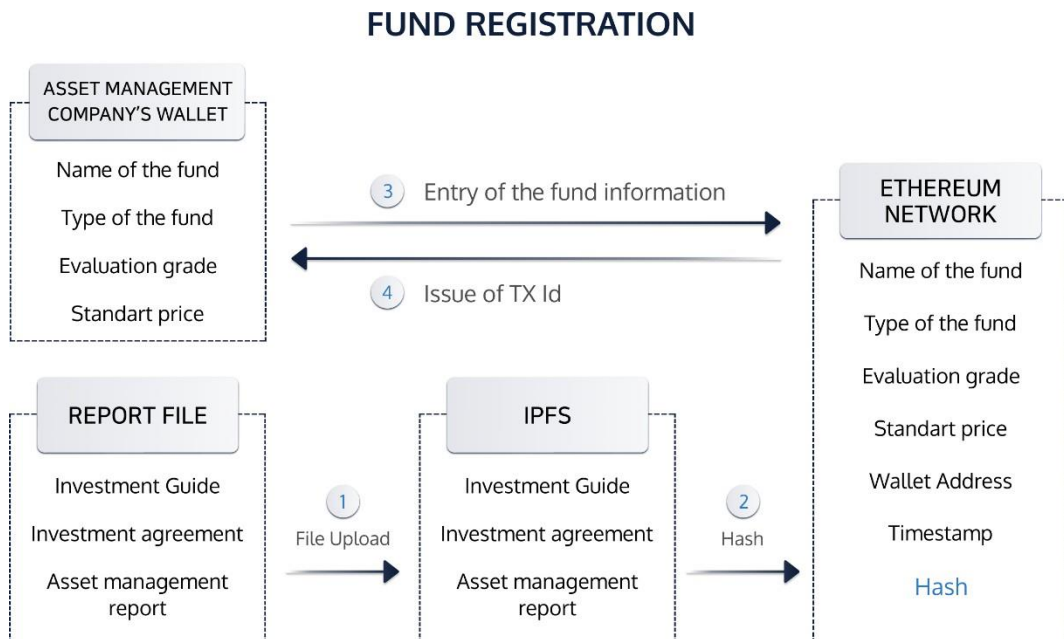


[ Figure 34 ] Fund Registration Contract  Structure

## 2.1.1.4. Fund Purchasing Contract

Investors may purchase the funds registered by the asset management company  through SMART Contract. At this time, the investors must hold the AIDUS Token in  his/her wallet and by sending the Token to the SMART Contract Address of the relevant  fund the fund is officially purchased and settled. AIDUS Token requires GAS (ETH) to be  sent and the exhaustion of sufficient GAS can lead to quick  transactions.

When the fund is purchased, the asset management company acquires the authority  to view the investor's personal information. At this time, the asset management  company can inquire the fund buyer's IPFS hash information and hash information  including decryption key which would enable the viewing of information through  SMART Contract.
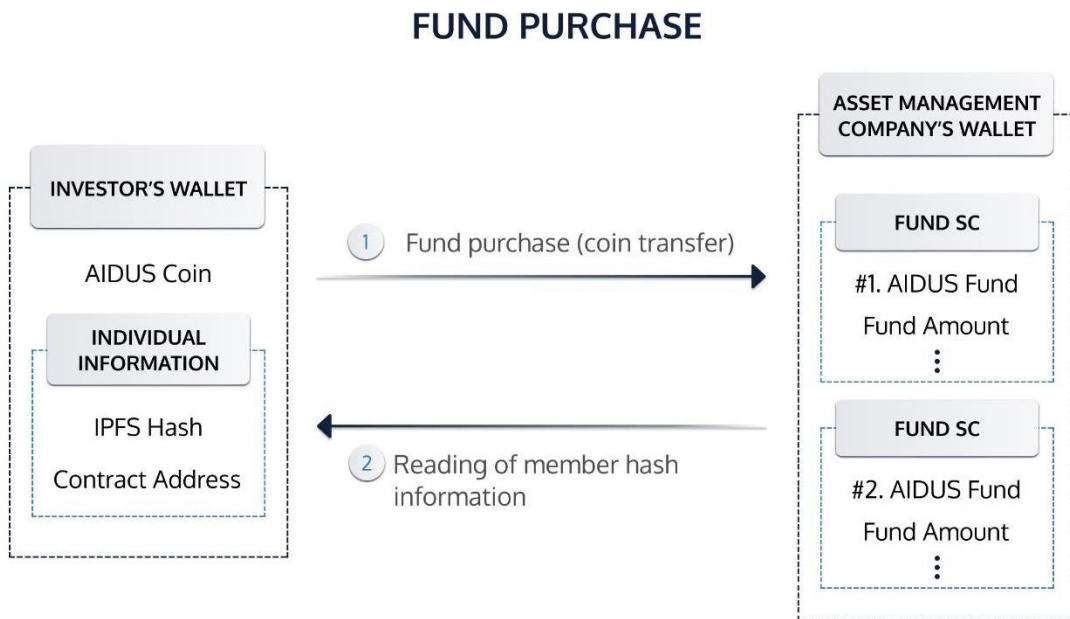


[ Figure 35 ] Fund Purchasing Contract  Structure

## 2.1.1.5 Fund Maturity / Redemption Contract

SMART contracts for fund maturity / redemption are calculated by reference to the information in the Oracles Information system during the maturity / redemption of the fund. In other words, it is a SMART Contract that determines the amount to be paid to the investor by the asset management company. However, the method of calculating the fund redemption fee differs for each fund, and the investor's evaluation amount is paid after the fund redemption fee is deducted. (Difference might occur according to the type of fund, commission, redemption, and standard time)

At this point, the Oracles Information system continuously registers the fund base date, reference price and yield rate at the base time, comparison index, type average, and change rate in the ETHEREUM network through SMART Contract.
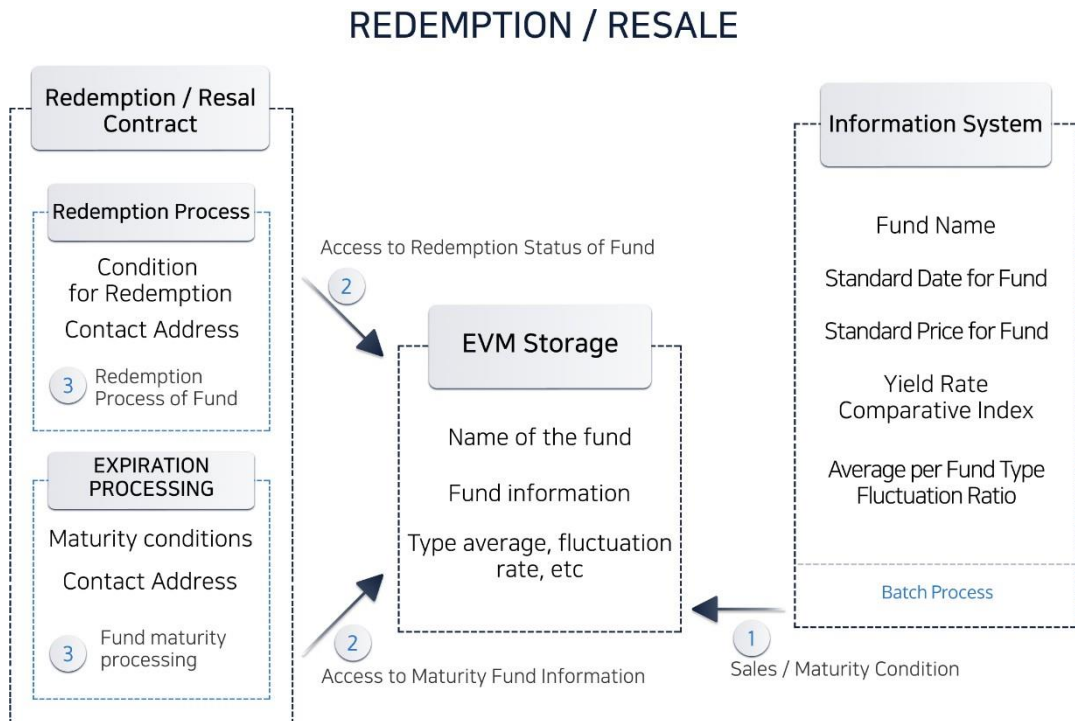


[ Figure 36 ] Fund Maturity / Redemption Contract Structure

## 2.1.2. Co-Authentication System

In 1989 Tim Berners-Lee, a software engineer of European Particle Research Institute (CERN) located between Switzerland and France, researched the Web for quick and accurate information exchange among researchers working in universities and research institutes around the world. When the World Wide Web had been created, the original goal of the Web was decentralization. But today's Web is rapidly centralized as hundreds of millions of people rely on a handful of services.

This was not the direction that HTTP was first intended, and the NSA in USA or the NIS in Korea now has the ability to monitor us with just a few servers. Now government can block specific content at its own discretion and monitor real-time chat history. Centralized servers are exposed to DDoS attacks and various hacking risks and are being attempted to hack them for the purpose of obtaining personal information.

As a result, Verizon, which acquired Yahoo's Internet business in October 2017, said that it was revealed late that hacking damage occurred in August 2013 amounted to 3 billion user accounts. The victims included Yahoo's Tumblr and Flicker. In addition, Oracle's payment subsidiary, Micros, has also been hacked on user information, and Linked-in has revealed that 6.5 million user passwords were leaked in 2012.

Recently, Big Data has become one of the core strategies of future corporations, and the kinds and amounts of personal information they collect are increasing. However, with the centralization of personal data, these companies, which store a large number of customer information, are becoming a good prey such as a honey pot for hackers, and the practice of actually being hacked is repeated over and over. Information once leaked cannot be reversed and is being exploited for crimes such as voice phishing.

AIDUS can decentralize the Web so that it would prevent few powerful organizations or companies controlling the Web. This will lead to the recovery of the sovereignty of personal information, and if the personal information provider can directly select the object that can be provided with their personal information after the web is distributed and the personal information is decentralized, the co-authentication system can prevent the abuse of personal information and recover sovereignty to control their own personal information.

**In this regard, the AIDUS co-authentication system uses the latest Interplanetary File System (IPFS) technology.**

When an investor and an asset management company ask for sign up by using ADFP's Web service, the personal information is uploaded as a file on the IPFS by BSON (Binary J SON) serialization. At this time, the IPFS encrypts the corresponding file to provide a Has h Key (Contents Address), which is owned solely by the investor or the asset managemen t company itself. At this time, only the investor or the asset management company havin g the provided key can browse the personal information, and then the hash value and th e decryption key of the file are registered in the SMART Contract. The fund investor and the asset management company can make a bilateral transaction from ADFP to Peer-To-Peer, and at this time, they can receive the personal information of each other on the IPF S with mutual hash value and decryption key.

## CO-AUTHENTICATION SYSTEM
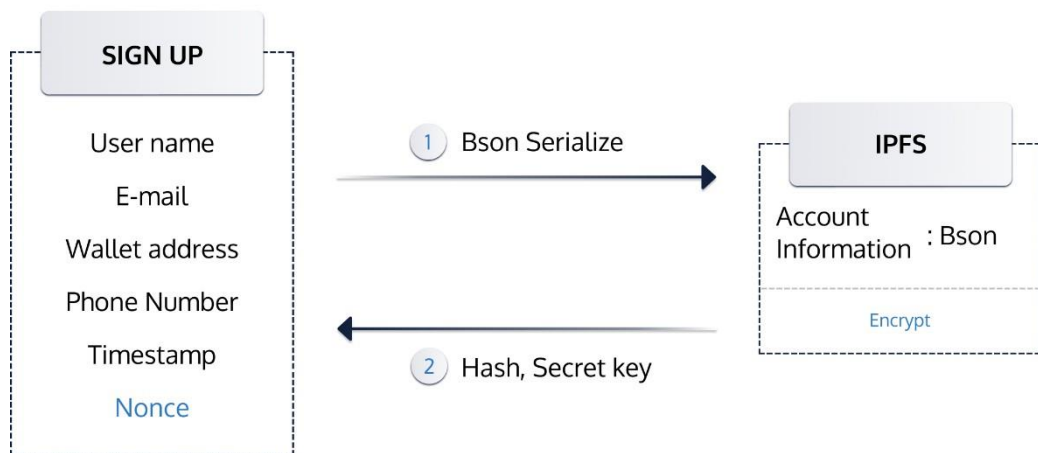


[ Figure 37 ] Co-Authentication Structure

### 2.1.3. Fund Information System

A system that allows the transfer of data from a centralized fund information provider to a file system using Blockchain technology or by the Blockchain itself is called information system.

As a method of transferring data from a centralized data to a distributed environment, AI DUS updates the fund information registered by the asset management company on a re al time basis to the Blockchain network.

## 2.1.4. Wallet System

ADFP provides wallet that is fully decentralized and are able to trade peer-to-peer fun ding by using the ETHEREUM-based Mobile Native APP wallets and Chrome Web bro wser-based extension programs such as the MetaMask or MyEtherWallet.

The investor can purchase the fund through the AIDUS token, and The ADIUS token is transferred from the investor's wallet to the asset management company's wallet throu gh SMART Contract, and at the same time, the transaction hash information is register ed in the ETHEREUM Network. At this time, the asset management company acquires t he authority to view the member information of the investor, and the member informa tion of the fund can be viewed through the IPFS.

The amount of the valuation at maturity / redemption is calculated by referring to the information of the information system. However, the method of calculating the fund re demption fee differs for each fund, and the investor's evaluation fee will be paid by t oken or cash through the SMART Contract after charging the fund redemption fee.
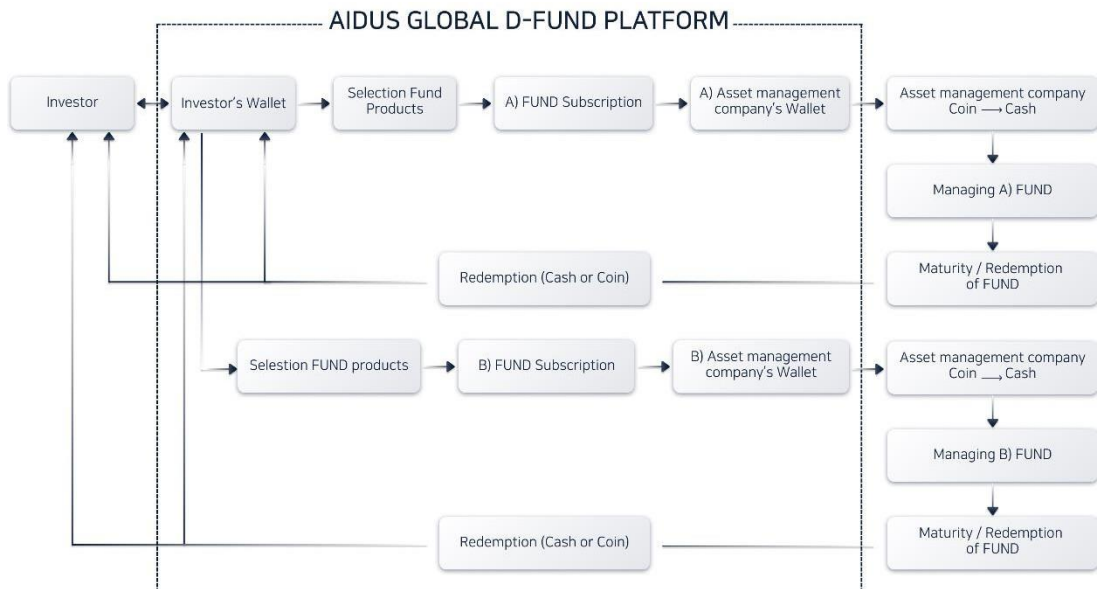


[ Figure 38 ] ADFP-based Decentralized Fund Market Wallet System Access Structure

## 2.2. Why ETHEREUM Network?

The ETHEREUM Network is a platform for distributed ecosystems.

The ADFP decentralized fund market requires SMART Contract in order to perform complex fund transactions. In this regard, the ETHEREUM is the first-ever Blockchain network to allow SMART contracts.

In the third phase of the roadmap, Byzantium in metropolis was upgraded based on the 4,370,000th block in October 2017, and the TPS problem and mining upgrade (POW → POS) will be completed through the upgrade of Constantinople.

The Blockchain ledger should be able to handle more complex transactions than simply sending and receiving values but rather it should enable entering of data, transmitting state values and performing complex requests and calls.

Also, since we use the ERC-20 token that can be further expanded in the Blockchain, the ETHEREUM network guarantees the most suitable environment for the ADFP. We are fully aware of ADFP's potential problems in the ETHEREUM network and are working to maximize the potential for ADFP to grow for further diverse applications.

## 2.2.1. SMART Contract

The fund market needs more features than to sending tokens. The distributed fund market requires Blockchain ledger to execute more complex transactions than the basic transmitting and receiving of value. The core competence of ETHEREUM is SMART Contracts, which provides the ability to extensively use the Blockchain ledgers.

SMART Contracts provide a solution for executing commands on Blockchain network. These data can store, retrieve, and process data on the ETHEREUM Blockchain network and distribute code that cannot be modified once it has been deployed in the network.

The basic function of SMART Contract in terms of fund contract is the storage of data. This data includes information about the contracted fund, funding amount, fund contracting party information, and fund schedule. The information mentioned above can be used to conduct mutual fund transactions between a trusted asset management company and the investor. However, we may need more than the above data when we

want a viable solution for mutual fund dealings between investors and asset managem ent companies that do not have information on the contracting counterpart.

## 2.2.2. Decentralized Application (DAPP)

**Distributed fund market**

ETHEREUM provides an ecosystem for the fund market that is executed on the Blockch ain network.

Through the distributed fund market, all transactions are conducted on the Blockchain, and all data related to the funds are stored and executed on the Blockchain network, which provides security, trust and transparency between the investor and the asset ma nagement company.

**SMART Contract**

ETHEREUM-based SMART Contract provides ecosystems that create transactions even without prior trust established between the parties. All transactions are performed usin g SMART Contract. That is, contracts (code) cannot be manipulated or tampered beca use the code runs on the Blockchain and the ADFP copies the information to multiple nodes.

**SMART Contract for distributed fund market**

SMART Contract is suitable for distributed platforms, and SMART Contract can handle complex transactions such as future payments, token transfers, and any kind of closing / redemption execution. Moreover, SMART Contract also need to store information about investors on the Blockchain, so the information can be stored and categorized a s there are important data for the fund contract on the Blockchain.

# VII. AIDUS ICO PLAN

## 1. Overview of AIDUS Token Sales Plan

The AIDUS Token, carrying out the critical role in the ADFP-based decentralized fund market, shall be acquired through the token presale in the form of an ICO(Initial Token Offering). The tokens offered in the ICO shall be based in ERC-2o token format, and can be used in the fund market once the **AIDUS Global D-Fund Platform**-based decentralized fund market is launched. Moreover, once the AIDUS Main-Net is launched in later phases, the token shall be changed into the AIDUS Token at 1:1 ratio.

| DIVISION | DETAILS |
|---|---|
| Number of Token Issued | 10,000,000,000 AID |
| Hard Cap | USD 100,000,000 |
| Soft Cap | USD 3,000,000<br>(Should the ICO volume be lower than this soft cap,the entire ICO capital shall be returned in full to every investor, and this project shall be concluded.) |
| Currency for Participation | BTC, ETH |
| Project Entity | AIS FOUNDATION LTD. (Singapore)<br>AISYS GLOBAL (Singapore / Official ICO Entity) |

[ Table 1 ] Overview of AIDUS Token Sales Plan

The total of 20 billion AIDUS tokens shall be minted/issued, of which only 2 billion (exclusive of bonus tokens) AIDUS tokens (AID) shall be distributed through the ICO.

## 2. Token Sales Schedule and Details

The AIDUS Token sales shall go through three different phases starting from private  presale to public presale then to the public sale phase. Should the Hard Cap be  reached at any phase, the following sales phase may not take  place.

| TOKEN SALE DETAILS | | | | |
|---|---|---|---|---|
| Total Number of Token | 2,654,000,000AID (Pre-issuing volume 833,000,000 AID) | | | |
| Phase | Private Presal | 1st Public Presale | 2nd Public Presale | Public Sale |
| Sales Period | 1st Oct. ~ 10th Dec. | 11st Dec.~20th Dec. | 3rd Jan.~12th Jan. | 17th Jan.~31th Jan. |
| Participants | Strategic partners Investment instituions | Individual investors who has gone through KYC authenticaiton | | |
| Minimum Purchasing Volume | USD 1,000,000 or above | USD 1,000 or above | USD 500 or above | USD 100 or above |
| Fundarising Goal | USD 18,000,000 | USD 24,000,000 | USD 30,000,000 | USD 38,400,000 |
| Estimated Price | USD 0.06 | | | |
| Participation Currency | BTC, ETH | ETH | ETH | ETH |

[ Table 2 ] AIDUS Token Sales Schedule and Details

※ Rate for the ETHEREUM payment shall be announced 24 hours prior to each phase of sales  plan

# 3. AIDUS Token Distribution Plan
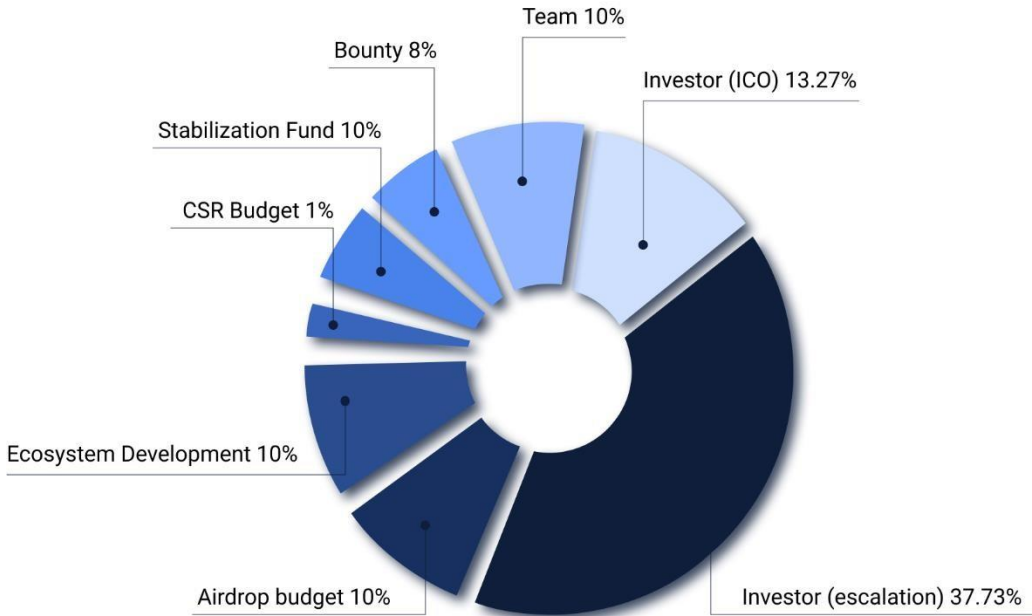


[ Figure 39 ] AIDUS Token Distribution Plan

| Distinction | Ratio | Allocated AID | Remarks |
|---|---|---|---|
| Investor | 13.27 % | 1,327,000,000 AID | Investors participating in ICO or IEO |
| Investor(escalation) | 37.73 % | 3,773,000,000 AID | Held by the Foundation to be supplied in a sequential manner to the market based on the expansion of the fund volume at our fund supermarket |
| Airdrop budget | 10.00 % | 1,000,000,000 AID | Promotional usage for activation of platform |
| Ecosystem Development | 10.00 % | 1,000,000,000 AID | Investment in fostering of asset management ecosystem and marketing |
| CSR Budget | 1.00 % | 100,000,000 AID | Social contribution (Donation) |
| Stabilization Fund | 10.00 % | 1,000,000,000 AID | Social fund allocated for coin stabilization |
| Bounty | 8.00 % | 800,000,000 AID | Acticaiton of ICO and Platform, and for contributors (advisors, technology development, idea/concept transfer and etc.) |
| Team | 10.00 % | 1,000,000,000 AID | For the AIDUS TEAM |
| Sum | 100.00 % | 10,000,000,000 AID | |

## Sequential Token Supply Plan

The AIDUS Project Team shall be issuing about 13.27% of the entire AIDUS token through the ICO. The fund volume within the ADFP Decentralized Fund Market is expected to expand in a gradual phase, which will be coupled with the growing demand of AIDUS token liquidity in the market. Thus, the remaining 37.73% of the AIDUS token shall be supplied to the market by AISYS GLOBAL in a sequential manner following the expansion of the fund volume within the platform. The profits generated from the sequential supplying of the AIDUS tokens by the AISYS GLOBAL shall be transparently operated through the operation of the proprietary QTS and as well as for the liquidity resource for the AMCs. For the avoidance of doubt, none of these profits will be distributed (whether directly to indirectly) to holders of the Tokens or AIDUS Tokens.

## Token Repurchase Plan

The AIDUS Project Team plans to protect the token value of the Tokens/AIDUS Tokens by first expanding the fund volume within the ADFP Decentralized Fund Market to a certain level, and then using the profits generated by the asset management of the proprietary QTS to purchase a certain amount of AIDUS Tokens from the market each year to reduce the amount of AIDUS Tokens in circulation. AIDUS Tokens that are purchased shall be held by AISYS GLOBAL in its reserves for such activities as AISYS GLOBAL, in its sole and absolute discretion, deems appropriate from time to time.

# 4. Budget Operation Plan
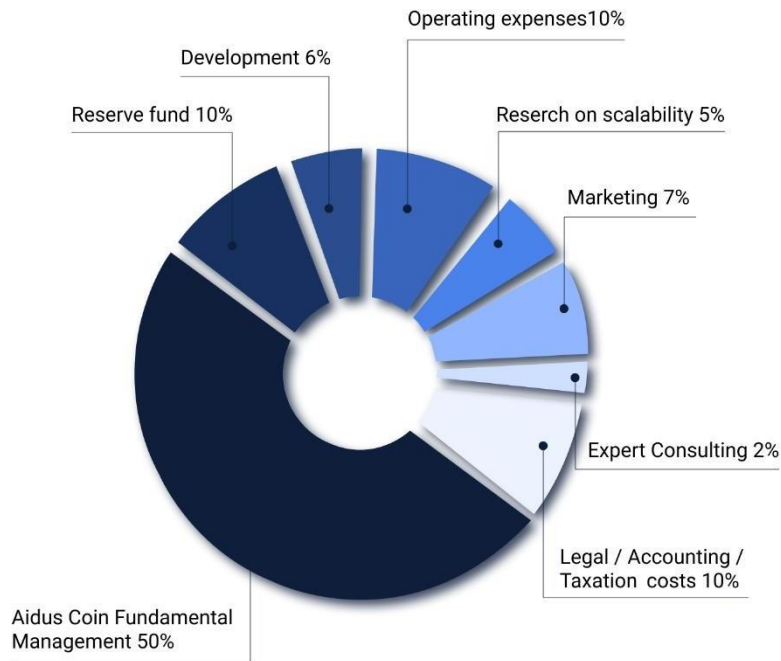


[ Figure 40 ] Budget Operation Plan

| PURPOSE | RATIO | REMARKS |
|---|---|---|
| Development | 6.00% | Development and O&M Budget for AIDUS Coin and Platform |
| Operating Expense | 10.00% | General operation and expense budget for Platform |
| Scalability R & D | 5.00% | R&D budget allocated for market research, new technologies, and secondary phase payment system establishment |
| Marketing | 7.00% | Platform Marketing |
| Consulting Service | 2.00% | Professional consulting services for various sectors |
| Legal & Accounting | 10.00% | Legal services, licensure, notarization and its related professional services |
| AIDUS Coin Fundamental Management | 50.00% | Asset management budget allocated to secure fundamentals for the AIDUS Coin through the QTS |
| Reserve fund | 10.00% | Reserve fund purpose |
| Sum | 100.00% | |

## 5. Project Road-Map

**November, 2017** — Founding of AIDUS Project Team Members
Research on the ICO Business Model using the QTS

**March, 2018** — Review of AIDUS Decentralized FUND Platform Model

**May, 2018** — Review of AIDUS Coin Model
Draft Whitepaper of AIDUS

**July, 2018** — ADFP-based Fund Market & AIDUS Coin Legal Review completed

**August, 2018** — Cooperative agreement on ICO investment with strategic partners

**September, 2018** — Opening of AIDUS ICO Website / Whitepaper
Contract Agreement for launching
of QTS-based Fund Portfolios

**October, 2018** — Meet-ups and Business Presentation
Private Sale

**November, 2018** — Meet-ups and Business Presentation
Private Sale

**December, 2018** — Private Sale / 1st AIDUS Pre-Sale / IEO

**January, 2019** — 2nd AIDUS Pre-Sale / ICO ( Crowd Sale)

**May, 2019** — AIDUS Token listed in Exchange

**2Q, 2019** — Opening of ADFP-based AIDUS Fund Market

**4Q, 2019** — Opening of AIDUS Main-Net and Listing of AIDUS Coin

# 6. Development Plan for ADFP-based Decentralized Fund Market

| | |
|---|---|
| **3Q, 2018** | **Realization of AIDUS Token Sale Contract** |

**4Q, 2018~1Q, 2019**

**Realization of AIDUS Token Sale Contract**
(Distribution of SMART Contract on the ETHEREUM Main-Net)
- Registration of Investors
- Registration of Asset Management Company
- Registration of Fund
- Purchasing of Fund
- Processing of Fund Maturity / Redemption Order
- Listing of Funds
- Listing of Investors
- Listing of Asset Management Companies

**Security Auditing of AIDUS SMART Contract**

**Participation of AIDUS ENS Domain Auction**

**1Q, 2019**

**Development of AIDUS Wallet**
Development of
- Android
- iOS
- MetaMask - compatible, Web3.js Wallet

**2Q, 2019**

**Development of AIDUS Oracle Agent**
- Various fund information that can be utilized in the Information System shall be gathered and updated to Blockchain network.

**Development of ADFP-based Fund Market**
- Development of decentralized system-based AIDUS DECENTRALIZED FUND PLATFORM (ADFP)
- Development of Web Application and Mobile Application
- Adoption of Agile methodology, sequential development of platform and its upgrading.

**Development o Co-Authentication System**
-Development of Co-Authentication System compatible with the IPFS

Development language: Node.JS / Solidity / Web3.js / React / Java script / Java / Python

# 7. Social Contribution (CSR) Plan

The AIDUS Project Team has launched the Corporate Social Responsibility Committee within the AIS FOUNDATION LTD. from the very start of the project with an aim to launch various social contribution activities from the early stage of our project.

# VIII. Team & Advisory

## 1. Team

**David Chen**
**CEO**

- AISYS GLOBAL CEO
- AIS FOUNDATION Chairman
- 2014 ~ : Hanson Robotics / Director & CFO
- 2006 ~ : AngelVest / Co-founder & Chairman
- Harvard University, MBA
- University of Rochester, BS Electrical Engineering

**Ted Min**
**COO / FOUNDER**

- 2018.10 : AIDUS Global D-Fund Platform Project
- 2018.02 : AIDUS Project Start.
- 2015 : Lulu investment Club Co.,Ltd. Established.
- 2015.6 : QTS Development and Service Start
- Expert financial transaction analysis and algorithm builder. Platform and service planning and operation experts..

**Kyle Ahn**
**CIO**

- Oputech Singapore / CEO
- Alternative & Leveraged Inv. Consulting / CEO
- Tullett Prebon Korea / Director
- Kiwoom Securities, DGB Asset Management, Citi Bank Korea / Asset Management
- illinois University, USA , MBA

**Jonathan Kim**
**CTO**

- 2007-2018 HSBC / AVP, IT Enterprise System & Architecture
- 2005-2006 HSBC / IT Officer
- 2004-2005 IBM / Project Manager
- 1999-2004 NOKIA / Unix Specialist
- 1995-1997 KFM / Network Developer

## AIDUS
### GLOBAL D-FUND PLATFORM

**David Lee**

Management Support
Director

**Dennis Lee**

Business Team Leader

**Steven Lee**

Planning Team Leader

**Neo Min**

Management Support Team
Leader

**Kelly Jo**

Development Team Leader

**Reo Kim**

Strategic planning team
Leader

**Ho Dong Kim**

Blockchian Dev. Team Leader

**Arseny Frolov**

Web Developer

**Kirill Bondarev**

Blockchain Developer

**Yauhen Sakovich**

Blockchain Developer

**Favian Lee**

Design Team Leader

**Olga Ovchinnikova**

Senior Designer

**Ken Ko**

Marketing Team Leader

**Ekaterina Moiseenko**

Social Marketing Manager

## 2. Advisor

**James Slazas**
- Founding partner at DARMA Captial.
- '15.08 ~          Former Director of ConsenSys Capital
- '09.10 ~          CEO at Healthcare Inside/Med A-Z
- '06.06 ~ '10.08 Managing member at family companies of Life Settlement
- '01.03 ~ '06.06 Partner of Legacy Advisory Group

**KiKwon Doh**
- Co-founder & President at Good Morning Holdings Corp.
- '13 ~        Chairman at Happy Home Economy Institute
- '05 ~ '12    Founder & CEO at Unhwa Corperation Advis
- '08 ~ '09    or at Hyundai Motor Securities
- '99 ~ '04    CEO at Goodmoring Shinhan Securities
- '95 ~ '96    CEO at Citicorp Securities Finance

**Thorsten Schauer**
- Director of Digitial Training at Alter Solutions Deutschland GmbH
- '16.09~'17.04 Senior Scrum Master at High Access Solutions
- '14.10~'16.08 Director Project Management at Plus1
- '10.04~'14.09 Director Portfoliomanagement at GM Ltd
- Doctor Degree in International Business Administration and a Master Degree in International Business Law

**Wim Jagtenberg**
- '16.03 ~ Sales and Business Dev. Manager at Vixion B.V.
- '14.11 ~ Business Dev. Manager at Digital Intelligence Group B.V.
- '14.03 ~ '16.05 Co-founder of No Candy Licensing B.V.
- Master Degree in Tax Law (1991)
- Business Dev. Management Expert in software Industry

**Ted Kim**
- '15.01 ~        CEO at GLOBAL FUND LLC
- '10.10 ~ '14.09 Chairman at FIIA
- '03.03 ~ '10.08 CEO at Washington Global Fund LP.
- '98.01 ~ '03. 04 Attorney at Law Jaeger& Teras LLP.

## Edward Choi

- Portfolio Manager of Falcon Asia Fund at Gordian Capital
- 25+years experience in financial investments including working at one of global hedge funds, VC and IB
- Carnegie Mellon University – Tepper School of Business

## Hadi Solh

- 2016.Sep ~ : Head of MEA&Global Special Projects at Afiniti Ai/ Mckinsey Solutions
- 2014. ~      : Partner - System Hotels Ltd.
- '07.Nov ~ '13.Nov: Chief Investment Officer -Depa United Group
- '03 ~ '05 : Havard University

## Chami Akmeemana

- 2018.Mar~ : Blockscale Solution Inc. - CEO
- 2018.May~: Decentralizing precision medicine with AI - Advisor
- 2018.Mar~ - Blockchain Learning Grouo Inc. - CEO
- 2000~2003 : Queen Mary University of London - MSc, Engineering

## James Lee

- Develop keyboard security solutions & PC vulnerability analysis
- DevelopHead of advertising agency development.
- Establish and manage multiple IT companies including Zen Software, SuperBee, and Pumpkinnz.
- Has over 18 years of development and business planning experience.

## Ji In Moon

- CEO at Real Stock, the leading of real stock market
- Manager at Happy Telecom & MOTOROLA Engineer
- BOOK :
  『Story easiest futures and options in the world』
  『Stock Futures Trading Secrets』
  『Foreign futures Real investment Complete conquest』