NukPLAN

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1. Overview

In Korea's energy industry, the demand for clean energy has already surpassed that of polluting fossil fuels, with the shipment rate of electric vehicles reaching 30% as of June 2022, even in the automobile industry alone.

This change is also becoming evident in the power generation sector, which operates important national infrastructure. The mandate of the new government is to overthrow the previous government's policies and revitalize the nuclear sector, as the entire world is suffering from an energy crisis.

In Korea, as well as throughout the world, eco-friendly energy policies have already become a trend, and the nuclear energy field, which can produce a large amount of energy almost without environmental pollution, is attracting not only developed countries, but also the Middle East and Eastern Europe.

Thanks to these global policy trends, numerous projects, development projects, and power plant construction related to clean nuclear energy production are starting.
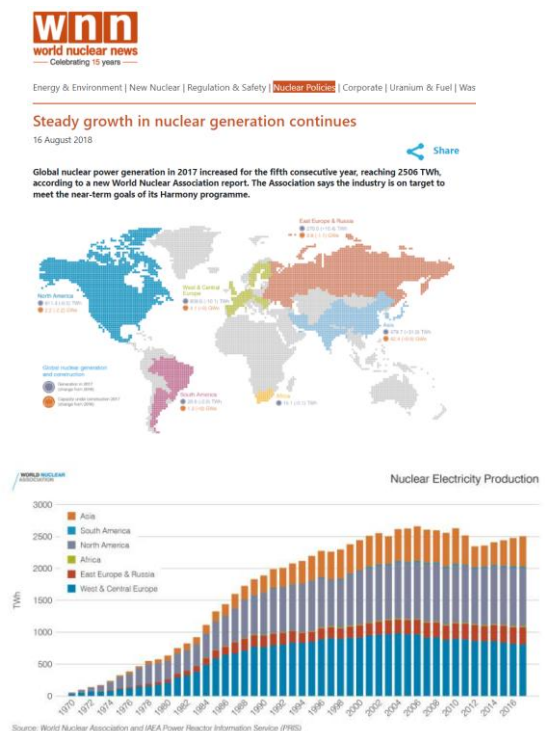
These projects are national projects, and only the government or participating construction companies can receive orders from very high-quality construction companies. Additionally, the processes for payment and management of construction costs are reliable and systematic, which ensures a decent profit rate.

Despite such high safety and profitability, it has been pointed out that almost all nuclear power plant construction projects are given investment opportunities only to a few established powers and mega-funds in a certain country, which is different from the investment environment and trend in which private sector participation is on the rise. It is true that this has been continuously raised.

[출처:노컷뉴스:https://www.nocutnews.co.kr/news/5775590 [해당 기사는 본 백서와 무관함]

출처: world nuclear news http://www.monews.co.kr/news/articleView.html?idxno=311256

2. NukPLAN Background Story

NukPLAN is a compound word composed of nuclear and plan or plant. These clean nuclear power plants are constructed and invested in with blockchain technology to increase efficiency and profitability for private companies rather than governments. NukPLAN is a nuclear economy platform established to enable individuals, not large institutional investors, to participate in these high and safe investments, and is also an enterprise resource planning (ERP) for power plant construction.

Whenever a project is completed, revenue is distributed via the economic model that will be loaded on the NukPLAN platform, and transparent management of each process, required manpower, and resources is possible. The system can be used to carry out a variety of economic activities and projects, such as raising funds for the project and distributing profits to individual investors.

Among the blockchain technologies, ERC20 has been rated as the most stable and sustainable, and NukPLAN has adopted it for the build and maintenance of such an integrated system. With the blockchain technology, it will be possible to build a power plant, maximize the transparency of the construction project, and accurately manage the cost and materials used for construction.

In particular, in order to minimize the possibility of a radioactive leakage accident that may occur after completion, all processes from construction of the nuclear reactor to actual management functions are transparently disclosed through blockchain technology. This will ensure real-time monitoring which can miximize the most important factor, such as project efficiency and safety.

Furthermore, NukPLAN is designed for nuclear reactor development and construction projects, and it distributes construction profits to coin holders in the form of NFT shares, so that coin holders can receive equity income along with profits.
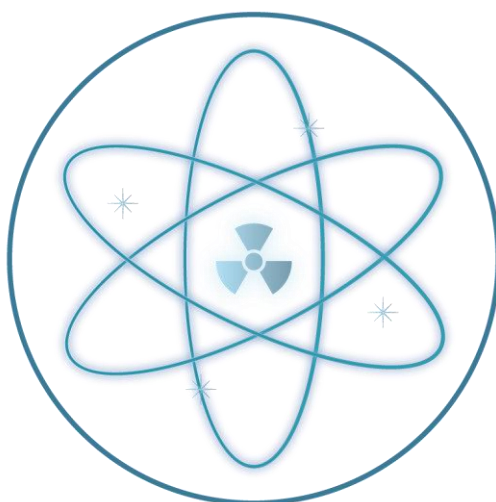
3. NukPLAN's ERC20 Protocol Blockchain Technology

The most important key to building a nuclear power plant is transparency. Nuclear power plant construction can only be profitable and safe if all processes are transparent, such as funds, materials, construction progress, schedules, and data exchange.

Using Ethereum's ERC20 protocol, which is widely used and recognized for its efficiency and transparency among blockchains, all stakeholders, including project managers, materials suppliers, construction companies, and auditing institutions, can monitor the entire process in real time. As a result, the forgery and falsification of data will be fundamentally prevented as well as nuclear safety accidents caused by management negligence.
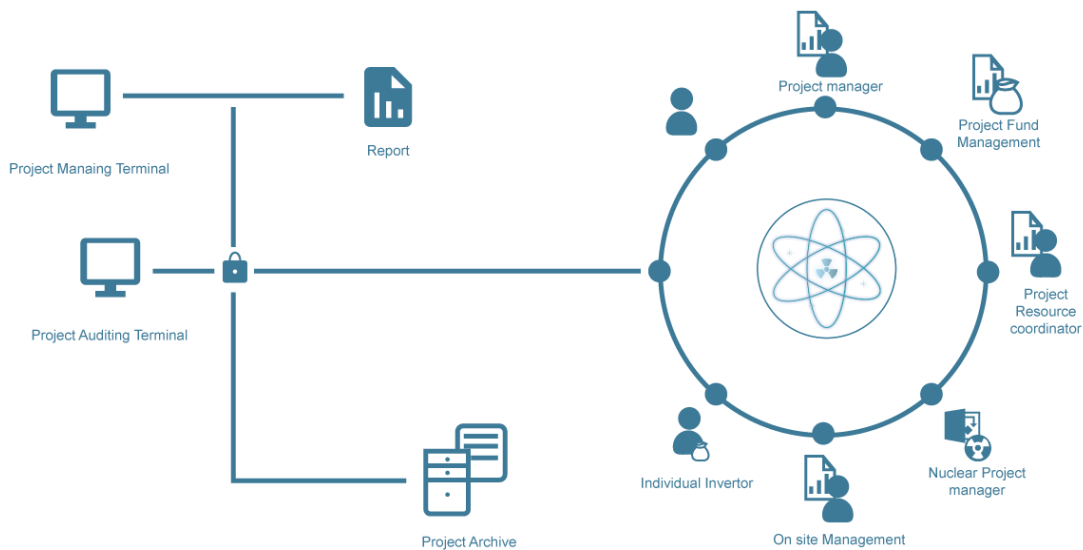
Also, all data will be made public and disclosed on the blockchain for the benefit of users and the public, making the construction process of nuclear power plants extremely transparent.

In addition, this transparency will lead to not only safety, but also accurate use of material costs and shortening of the period, which will greatly increase the project's profitability and become an additional profit model for NukPLAN coin holders.

$$f(x) = \sum_{j=0}^{2} y_j \cdot L_j(x)$$

$$= y_0 L_0 + y_1 L_1 + y_2 L_2$$

$$= 35\left(\frac{1}{6}x^2 - \frac{7}{6}x + 2\right) + 135\left(-\frac{1}{2}x^2 + \frac{5}{2}x - 2\right) + 218\left(\frac{1}{3}x^2 - \frac{4}{3}x + 1\right)$$

$$= 18 + 6x + 6x^2$$

$$L_0 = \frac{(x - x_1)(x - x_2)}{(x_0 - x_1)(x_0 - x_2)} = \frac{(x-3)(x-4)}{(1-3)(1-4)} = \frac{x^2 - 7x + 12}{(-2)(-3)} = \frac{1}{6}x^2 - \frac{7}{6}x + 2$$

$$L_1 = \frac{(x - x_0)(x - x_2)}{(x_1 - x_0)(x_1 - x_2)} = \frac{(x-1)(x-4)}{(3-1)(3-4)} = \frac{x^2 - 5x + 4}{(2)(-1)} = -\frac{1}{2}x^2 + \frac{5}{2}x - 2$$

$$L_2 = \frac{(x - x_0)(x - x_1)}{(x_2 - x_0)(x_2 - x_1)} = \frac{(x-1)(x-3)}{(4-1)(4-3)} = \frac{x^2 - 4x + 3}{(3)(1)} = \frac{1}{3}x^2 - \frac{4}{3}x + 1$$

[mathematical formula -01 : Basic formula constituting the blockchain mechanism adopted by NukPLAN]

Project Managing Terminal
Report
Project Auditing Terminal
Project Archive
Project manager
Project Fund Management
Project Resource coordinator
Nuclear Project manager
On site Management
Individual Invertor

4. NukPLAN Coin Ecosystem

4-1. Private nuclear power plant development

A nuclear power plant development project developed by NukPLAN is privately funded, allowing ordinary people to invest as well.

Its main purpose is to enable individual investors to participate in private capital projects, to distribute development profits to individuals, and to secure a supporter group friendly to nuclear power generation. All development profits will be transparently paid to each coin holder as much as their stake through the block chain.

4-2. Construction material supplier

by securing fairness and transparency in purchasing construction materials, profitability is maximized from the early stage of development. Moreover, as many of the materials for nuclear power plants contain radioactive elements, their movement, use, and status are transparently logged using immutable block chain technology to ensure high safety and profitability.

4-3. Nuclear safety supervisory authority

During the construction process, all processes and tasks of the project are delivered through the real-time blockchain network and are accessible to the nuclear safety authority. This will ensure project transparency and empower the nuclear safety authority to establish a transparent and sophisticated management system.

4-4. Project investment institutions and individuals

When transparency, efficiency, and safety are enhanced with blockchain, this will maximize development profits and business profits over the long term. The business profits of NKPL are expected to be higher than those of the present nuclear power plant business, and will be paid to individual investors through profits allocated to them during development
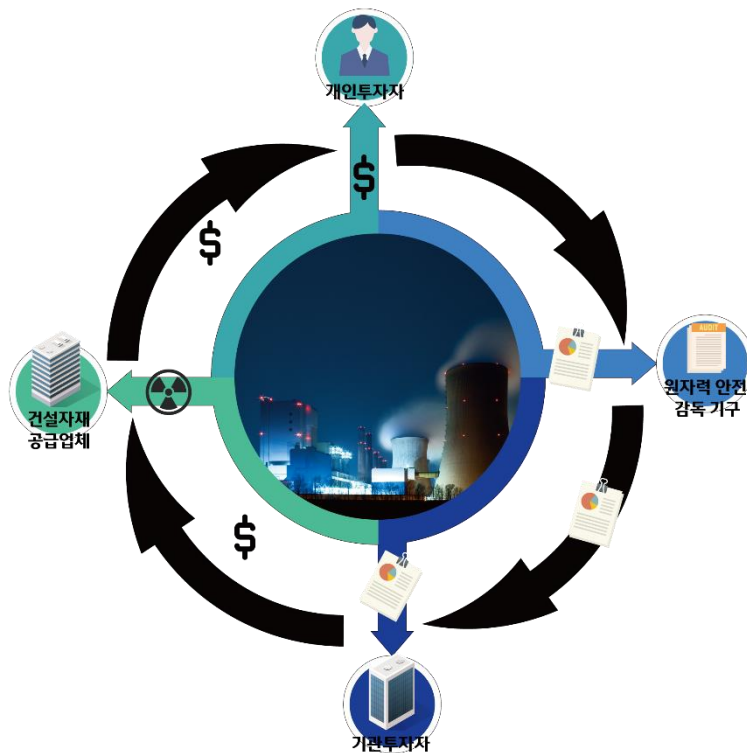
5. Distributing nuclear power plant development profits among participants

Due to the transparency, efficiency, and safety of the secured project, a significantly higher profit will be generated than for the existing nuclear power project.

Incentive coins are paid according to the purchase quantity of coins.

Purchase Amount	Individual Participant Incentives
1~10,000	10%
10,001~30,000	20%

6. NukPLAN Platform Wallet

With the NukPLAN wallet, you can safely store and transmit coins.

In addition, This wallet will be used for profit distribution according to the completion rate, time, cost, and construction status of the nuclear power plant.
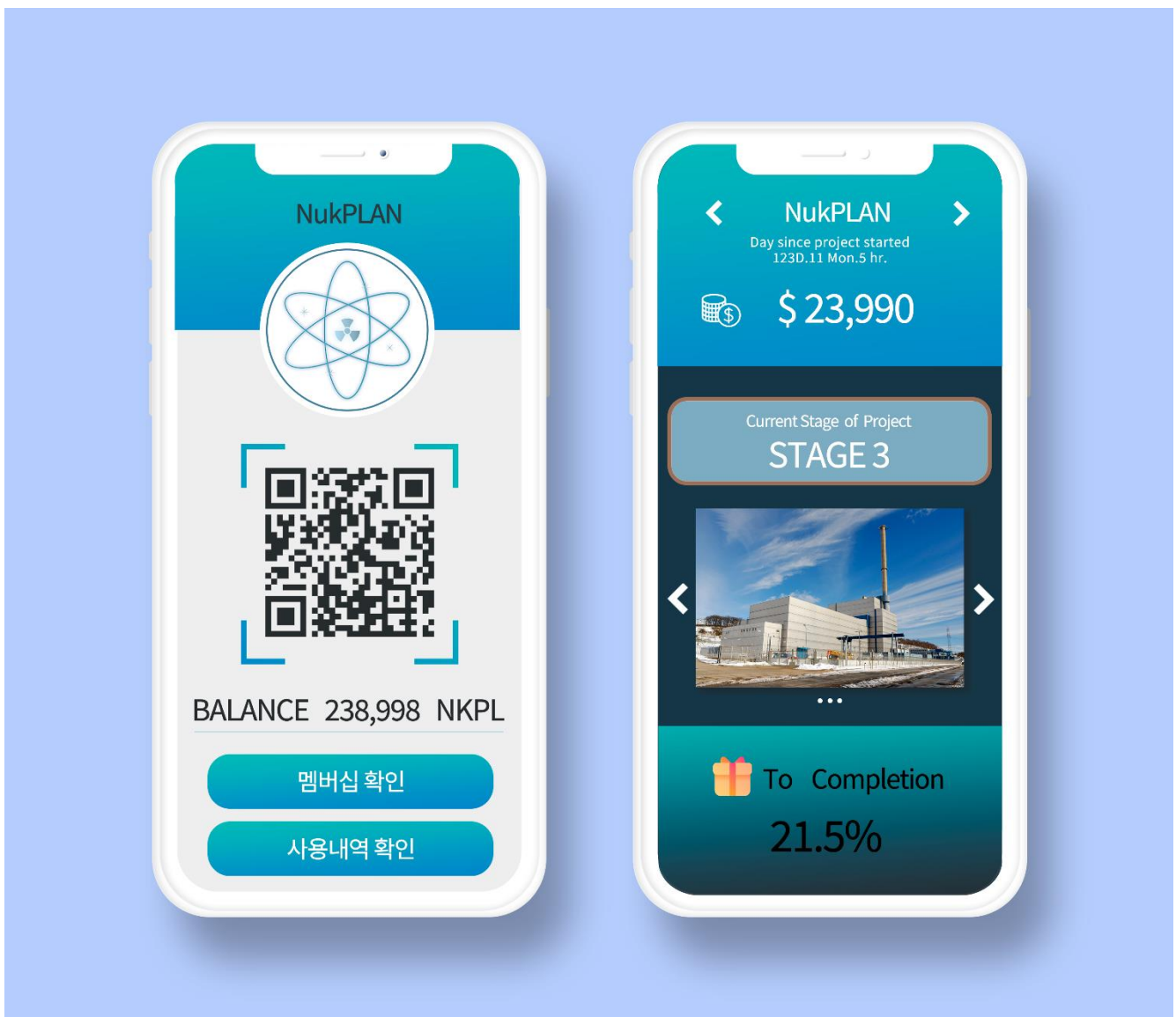
7. Funding Allocation Plan

As a global project, NukPLAN will be carried out in collaboration with various government agencies, construction companies, audit agencies, and investment companies. We will therefore allocate adequate funds to prepare for a smooth project so as to prepare thoroughly for nuclear plant safety, environmental pollution charges, global marketing, and legal preparations in accordance with international radioactive material management agreements that determine the success or failure of the project.

Total Issuance		150,000,000
Coin sale	20%	30,000,000
Build projects infrastructure	10%	15,000,000
Environmental pollution prevention cost	20%	30,000,000
International legal advisory	10%	15,000,000
Global marketing	10%	15,000,000
Ecosystem incentive payment	20%	30,000,000
Team budget	10%	15,000,000
Total	**100%**	**150,000,000**

Coin Name: **NukPLAN /** Ticker: **NKPL /** type: **ERC-20**

Use of Fund

- Coin sale 20%
- Build project infrastructure 10%
- Environmental pollution prevention cost 20%
- International Legal Services 10%
- Global marketing 10%
- Ecosystem incentive payment. 20%
- Team 10%

8. Roadmap

2021

Q3 NukPLAN found

Q4 Business whitepaper confirmed

2022

Q1 NukPLAN Platform and Wallet developed

Q2 Business partnerships with developers

Q3 listing on top global exchanges

Q4 International radiation protection certified

2023

Q1 listing on top global exchanges in U.S.

Q2 Platform 2.0 upgrade completed

Q3 Nuclear power plant construction #01 start

Q4 Nuclear power plant construction #02 start

9. Disclaimer

1. This white paper is intended to describe NukPLAN's services and may be reviewed and amended due to the project schedule, progress and other factors.

2. The version of this white paper is based on the date indicated at the top of the document, and the contents of this white paper reflect only the direction and progress of the project until that date, and are subject to change at any time after the date.

3. The version of this white paper may be changed and updated irregularly depending on the need to modify the content.

4. This white paper is not intended to raise or receive funds, and no one may raise or receive funds based on this white paper, and acts such as sending this white paper should not be understood as a purchase proposal.

5. This white paper is not intended to propose an investment or to recruit investors and may not be construed as an investment proposal or an act of recruiting investors by any geographical or environmental factor.

6. The allocation of NukPLAN is made through a separate contract from this White Paper, and the contractual matters shall be in accordance with the contract. If the contents of this white paper and the contents of the contract do not match or conflict, the contents of the contract shall be prioritized.

7. In the case of countries or regions where the content of this White Paper is illegal, it shall not be reproduced, modified, or distributed in whole or in part. In addition, if a person in a country or region who makes an investment in the content of this white paper is aware of the content of this white paper, NukPLAN shall not be liable for such investment as it has taken risks.

8. NukPLAN, as defined in this white paper, shall not be construed as a financial investment product, such as bonds, stocks, securities, options, derivatives, and in any case may not be claimed. NukPLAN does not guarantee income and income, such as financial interest, in any case. In addition, the purchaser of NukPLAN should not understand or recognize NukPLAN's purchasing behavior as an investment and profit-making act, nor should anyone understand or recognize it as an entity that can earn financial income, such as investment income or interest.

9. Complete at the time of its functions transferred is NukPLAN.

10. This white paper does not guarantee the integrity of NukPLAN's undertakings, and contracting parties wishing to use NukPLAN will provide NukPLAN's services to the extent possible. The contents of this white paper shall not be responsible for any errors, delays in schedules, or related matters that may occur in the course of service delivery and development and shall not be held accountable by anyone.

11. This white paper contains the contents of future plans and was prepared based on the realization of the plan. However, this is not guaranteed and the contents of this white paper do not guarantee the integrity of future developed services.

12. The contents of this white paper cannot be interpreted as legal, financial, accounting, or tax advice in any case, and separate laws, finance, accounting, and tax may occur in accordance with policies and laws of each country and region in the process of purchasing and using NukPLAN. Purchases, users may require additional consultation and NukPLAN is not responsible for these matters.

13. Due to unintended reasons such as system attacks, natural disasters, and force majeure reasons from third parties, the creation of the ecosystem may be delayed, or other tangible or intangible losses may occur.

14. NukPLAN is not responsible for the buyer's risk of losing or leaking the buyer's personal key.

15. It is not free from all risks, including coin depreciation and changes in the market environment, uncertainty, political risk, competition with competitors, which may disrupt the development of NukPLAN or change service direction and plans.

16. NukPLAN is a technology under development, and changes in technology that may occur during the development of the technology can negatively affect NukPLAN.

17. NukPLAN shall not delegate or transfer to any other person any decisions, including the operation policy and discontinuation of the ecosystem, and all decisions shall be made at the discretion of NukPLAN.