PEOPLE POWER DEFI WHITEPAPER

http://whitepaper.peoplepowerde.fi

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People power company overview

People power defi will give our users the chance to own a part of green energy projects, share in any profits these projects make (when the energy is sold) and collect/trade Energy Attribution Certificates (REGOs). We expect to be able to offer our users approximately 10% yield on their investment.

Our Company will be funded by our token sale. We will use a smart contract to let our users to purchase PPD (people power defi).

The funds collected from this token sale will allow us to get our project to MVP (minimum viable project) stage.

When we offer our first project, users will be able to deposit crypto currency and or fiat currency into a smart contract. When the smart contract reaches the desired level in GBP the tokens will be sold on an exchange and sent to the contractor charged with erecting the wind turbine.

The users that have donated to the project will be issued with a proportional share of the project tokens (after they have passed KYC). Project tokens represent a share of the energy project and should not be confused with our rewards/utility token PPD. We estimate that each project token will have a value of about £50.00.

When the project is completed and begins to produce energy, the energy will be sold and after expenses have been paid (People power defi will take 1-2% of the energy from our projects to fund our company going forward) the proceeds will be exchanged into stable-coin tokens (most likely pegged to USD). The stable-coin tokens will then be deposited into a smart contract; that distributes the profits proportionally between the holders of the project tokens.

Owners of project tokens will also be rewarded with our utility/ rewards token PPD. The exact emission schedule for PPD after the token launch is yet to be decided.

In addition to this for every megawatt hour (MWH) of electricity produced we will be issued with a REGO (a certificate that proves that the energy came from a renewable source), these REGOs will be distributed to project token

holders (users will have to hold a predetermined amount of PPD to be guaranteed to receive REGOs). The holder of the REGO could keep it to prove that the electricity they consume is green energy, or trade the certificate on Energy Webs (soon to be released) EW Zero platform or similar platform. (REGOs are explained in detail in the REGO section of the white paper).

The Starter project

With the funds we raise from our token sale, some will be used to run the company and the rest will be used to purchase (in full, or in part depending on circumstance) a large commercial wind turbine.

Once the project is complete we will sell the wind turbine as tokenised fractions of a wind turbine. Each fraction will be represented by a project token and the size of the investment will be represented by the amount of project tokens issued to the investor.

Depending on how successful our token sale is, we may need to sell project tokens to raise enough funds for the project before the wind turbine is erected.

Once the wind turbine is producing electricity, we have sold the project tokens and the project token holders are being paid their share of the electricity produced (after expenses); we will have completed our MVP (Minimal Viable Product).

This will prove our concept and we will then focus our energy on completing our platform.

The token sale

The tokens will be initially distributed in a token sale using a bonding curve. Users will be able to send Crypto Currency (and possibly a fiat option) to the smart contract, the price of PPD will be worked out by the bonding curve and the corresponding amount of PPD will be sent back to the users Wallet.

The token sale will have a soft cap of £500,000 and a hard cap of £10,000,000.

The People power defi team plan to buy the first 3 Million tokens from the start of the bonding curve. These tokens will be owned by the founders of people power defi and 1 million tokens will be kept for community growth and marketing purposes.

Tokenomics of our rewards / utility token PPD

Our Utility/rewards token will be called "Peoplepowerdefi" or PPD (the ticker name we wish to use).

The max supply of PPD will be 30,000,000

The benefits of holding our utility/rewards token are (once our platform has been established) :

PPD will be accepted as a payment for project tokens. As the token is distributed by a bonding curve over time the price of our token should rise and that would allow the user to buy a larger share of a project with the same amount of our utilities tokens.

- if you hold "A" amount people power will pay the gas for you when your rewards are distributed (USDC and our rewards token)

- if you hold "B" amount you will get access to the presale of project tokens before the project sale goes live to the public.

- if you hold "C" amount of tokens you will be able to apply to have projects listed on the people power website.

If we decide to eventually enable governance of the people power platform :

- if you hold "X" amount of tokens you may propose votes related to the platform.

- if you hold "Y" amount of tokens you may vote in the governance proposals.

Values of A,B,C,X and Y to be decided at a later date.

REGOs EACs and Energy web zero

Once Energy is produced it is sent to the grid and mixed with all other energy. When a consumer uses electricity they have no way of knowing exactly where the energy they used came from, Unless the power company or the user has acquired enough Energy Attribute Certificates to cover the electricity used (or REGO in the UK, where we are based).

When a renewable energy project like a wind turbine produces a megawatt hour of electricity in the UK , the energy producer is issued with one REGO certificate. The Certificate is issued by Ofgem on behalf of the UK Government.

Normally energy producers sell their REGOs to power companies to show that the energy they produced came from a renewable source. However, we plan to give the Regos Directly to our token holders.

EACs/REGOs are becoming increasingly popular as companies look to buy them up to prove that they are a sustainable business. We believe that this trend will continue and REGOs will become an increasingly important and valuable asset.

As Regos cannot be split, we would have to work out a minimum amount of project tokens a user would have to own to guarantee that they receive a

REGO certificate, any additional REGOs earned would be airdropped to random token holders as a reward.

The REGO would be distributed as an NFT (non-fungible token). An NFT token is individual and unique and cannot be divided into smaller fractions.

When the user receives the NFT-REGO token they could hold it to show that the energy they use came from a clean energy source, or trade it on a global market.

The average UK household uses 3.7 MWH of energy in one year, so if someone wanted to be sure their energy was renewable they would need to hold 4 NFT-REGO tokens.

Economics of a wind turbine

A wind turbine is expected to have a return on the initial investment of around 3-5%, however, we believe that our future users will enjoy around a 10% return on their investment (there is potential for a much greater than 10%).

We can achieve this because of the way we are funding the projects, we will not have to pay the 5-10% interest paid to the bank (to borrow money to fund the project).

Our Starter Project will be in Scotland, because Scotland is, perhaps, the best place in Europe for a wind turbine. We decided this to make sure that our Wind Turbine is as profitable as possible for our users.

We also believe that giving our users their REGO certificates (should they choose to sell them) will also get a better return than selling the REGOs to the power companies, once that they can easily be bought/sold on Energy Webs EW Zero platform.

Finally we will distribute the remaining supply of rewards/utility token PPD to our project token holder. These tokens could be used to give the user extra

privileges on our platform, or sold to give the user an extra return on their investment.

How we envision the platform - Post MVP

After raising funds we would like to upgrade our website to make the most simple and user friendly experience possible.

We would like to offer a large project straight away, this could be a full sized/powered wind turbine.

Ultimately we aim to offer our users a multi turbine wind farm and eventually a powerful offshore wind farm.

Our website would also become a platform for anyone could post their renewable/green energy projects. The conditions of posting a project with us would be that the user must hold a certain amount of our token (amount to be decided later) and can verify their project to us and convince us it is not a scam.

It would be our developers team's responsibility to check any projects applying to ensure the project is genuine, but ultimately it is up-to our users to decide for themselves if they deem the project to be trustworthy.

We would also look into the possibility of a simplified version of our platform for less crypto savvy people, where they could invest and be rewarded with fiat currency (with all the crypto parts and inner workings "hidden under the hood").