



# The Tabbre Project

## Light Paper



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## The Tabbre Project is harnessing the power of blockchain and crypto scarcity to fund the development of cheap and plentiful sustainable renewable energy at a global scale.

**Sustainable renewable energy is very expensive compared to fossil fuel energy.**

This is because of the scale of infrastructure that is needed to capture enough sunlight and wind energy to cope with intermittency and seasonality.

This is slowing the transition from fossil fuels. If we are to achieve a sustainable and prosperous future we need a cheaper alternative to fossil fuels.

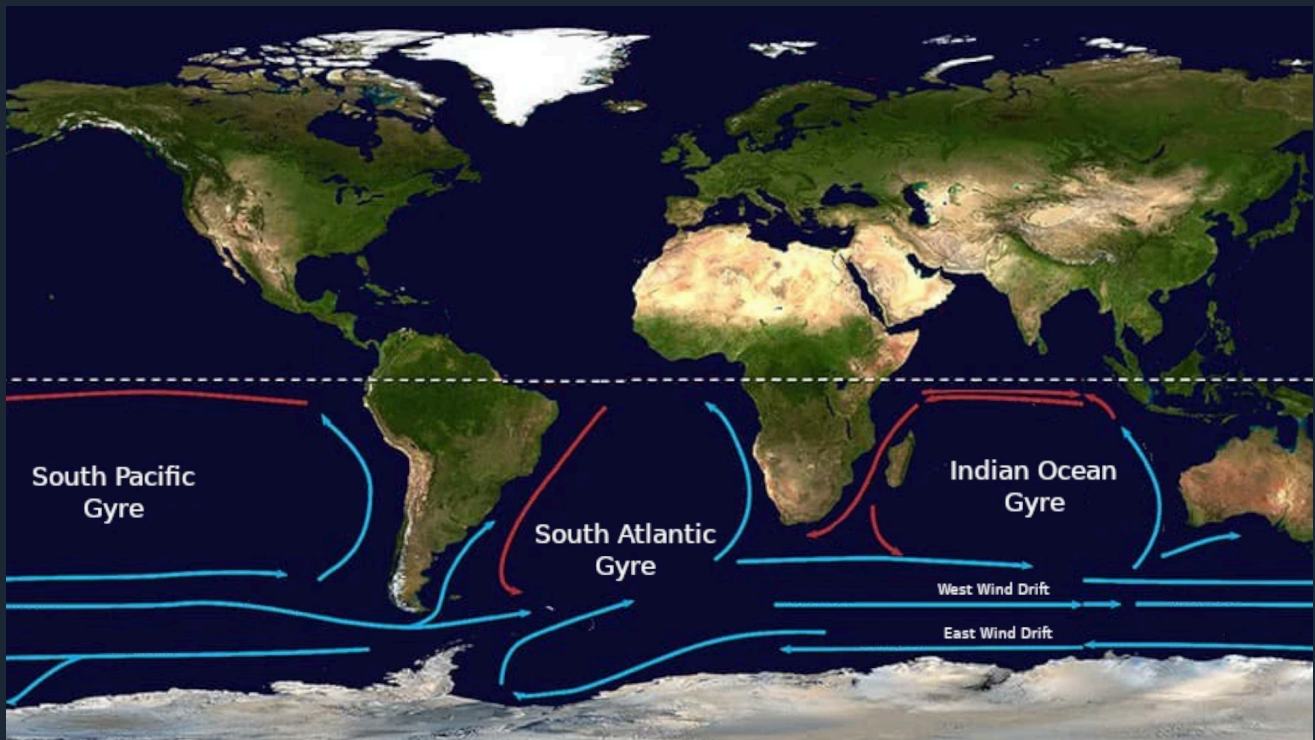
Tabbre intends to satisfy the world's energy needs by creating vast oceanic photovoltaic solar farms. These will consist of flexible lightweight floating structures made from recyclable plastic.



It is intended that the entire solar farm infrastructure will be fully automated using robotic AI and once complete, there will be no requirement for new materials such as steel, aluminium and plastics because at the end of their useful life, every component will be recycled in fully automated and autonomous facilities.

The electricity generated will be used to electrolyse water into hydrogen and oxygen. Much of the hydrogen can be converted to methane or ammonia. The hydrogen, methane and ammonia gases will be compressed or liquefied for shipping to consumers as a clean chemical fuel replacement for fossil fuels such as coal, natural gas and oil. Using solar energy to produce hydrogen, methane and ammonia solves the problem of intermittency since these fuels, unlike electricity, can be easily transported and stored for later consumption.

Tabbre's floating solar farms will be located in the oceanic gyres of the South Atlantic, South Pacific and Indian Ocean.



These oceanic gyres are deserted, largely sterile, tropical international waters covering tens of millions of square kilometres.

Tabbre's sustainable energy will be much cheaper and more plentiful than fossil fuels, and so market forces will drive the transition from fossil fuels to sustainable energy.

Also because Tabbre's sustainable renewable energy can be delivered as hydrocarbon fuel, existing gas, oil and coal burning industrial, commercial and transport equipment can continue to be used.

This will make the transition to sustainable energy easier, cheaper and faster.



To make this vision possible, Tabbre is creating a new cryptocurrency asset, the TABB .

TABB will be expressed on a new blockchain, the Tabbre Chain.

TABB is like Bitcoin in that it has a fixed maximum supply.

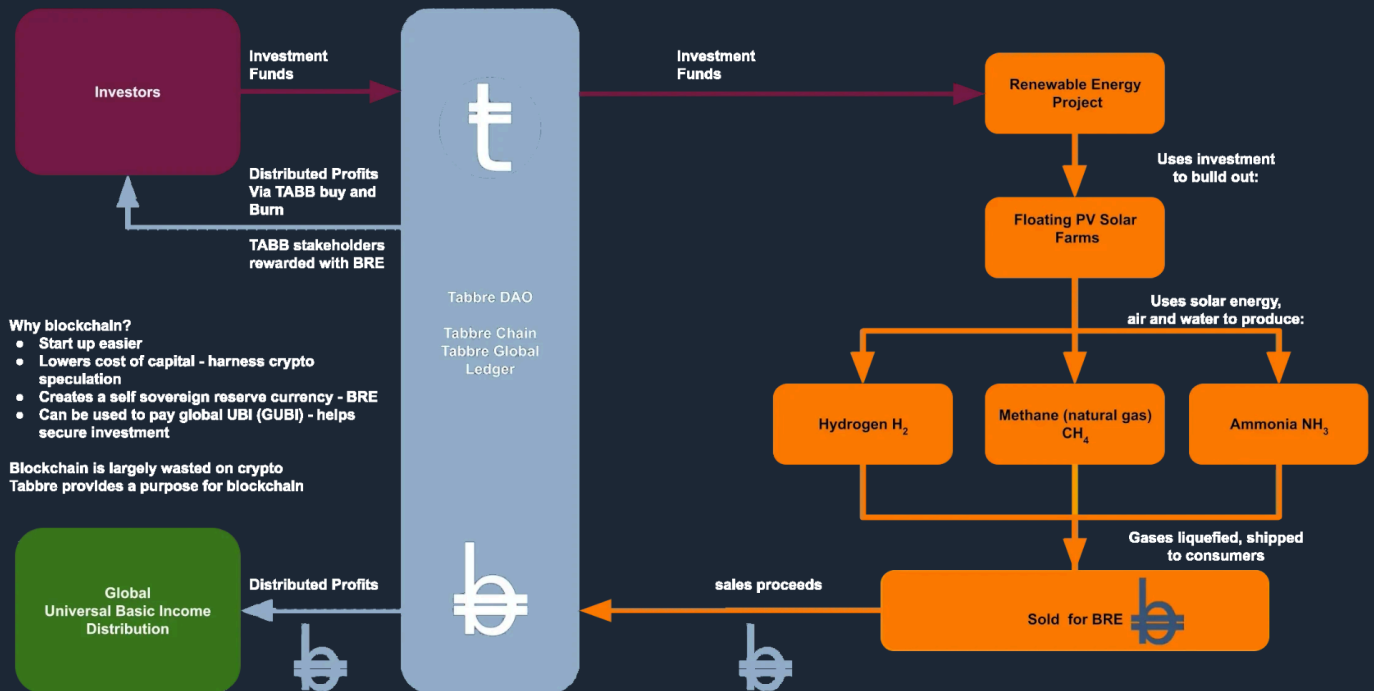
A large fraction of all TABB will be held by a decentralized foundation, The Tabbre Foundation.

The Foundation's TABB holdings will be used as collateral for debt finance to fund the development of these oceanic floating solar farms.



The sustainable energy generated by Tabbre will be priced and sold for BRE, a decentralized stable value cryptocurrency also expressed on the Tabbre blockchain. The Tabbre Chain uses a proof of stake consensus.

BRE will be issued and managed by the Tabbre decentralized foundation using an algorithmic method to ensure the value of BRE remains stable.



**The value of BRE will be backed by the value of energy generated by the Tabbre scheme.**

When the Tabbre scheme achieves its objective of being the principal global supplier of energy, the Tabbre scheme is expected to be hugely profitable.

All profits generated by the scheme will be reinvested into more renewable energy capacity until a target energy output is reached. At this point, called the distribution point, profits will be distributed. The Tabbre decentralized foundation will distribute profits to TABB holders by using the profits to buy and burn TABB. The intent is to cause significant appreciation in the value of TABB.

Tabbre's solar farms are located in international waters that are global commons. In the interests of social fairness and social cohesion and as a protection against confiscation by governments, Tabbre intends to take a significant fraction of profits from the scheme to fund a global universal basic income (GUBI). This will be distributed in BRE.

BRE's role in paying the global UBI coupled with BRE's role as the currency for trading energy will allow BRE to become a non national self-sovereign decentralized global currency.

**The Tabbre Project will help transition the world from fossil fuels and establish a global decentralized financial system and in so doing will help end both the climate crisis and global poverty.**