



The Tabbre Project

Solving the Climate Crisis
&
Ending Global Poverty

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THE PROBLEM

The energy transition is huge

80% of the world still lives in medieval poverty

Intermittency makes renewable energy expensive

We need solar farms half the size of Australia!

Scale of energy problem today

20% developed world standard of living & 80% of world very poor:

- 18 billion tonnes of coal, oil and gas
- 66 Giga tonnes of CO₂
- 22 Terawatts Power

1.5 million square kilometres of solar panels is needed to provide the equivalent energy.

Scale of energy problem 2050+

100% developed world standard of living & 0% of world very poor:

- 48 billion tonnes of coal, oil and gas
- 176 Giga tonnes of CO₂
- 60 Terawatts Power

4 million square kilometres of solar panels is needed to provide the equivalent energy.

The image shows a vast expanse of the ocean with hundreds of orange, rectangular solar rafts floating on the surface. The rafts are arranged in a somewhat grid-like pattern, though they are slightly tilted and spaced out. The water is a deep blue, and the sky is a pale, hazy blue. The rafts appear to be made of a thick, orange material, possibly plastic or rubber, and have a flat top surface. The overall scene suggests a large-scale deployment of floating solar technology in an open ocean environment.

Answer **floating** solar

- Solar rafts will be very cheap
- Made of recyclable plastics
- Use cheap perovskite PV collector
- The oceanic gyres are deserted tropical waters with no plant life or fish
- The oceans cover 310 million square kilometers.
- Less than 0.5% required to meet today's needs

Tabbre's solar raft electricity will

cost 0.005c per KWh



Sunlight



Oceanic Solar Farms



Solar rafts make hydrogen by electrolysis using water taken from the moisture in the oceanic air - Hydrogen is collected by robotic harvesters

The collected Hydrogen is sent to floating production platforms



Floating automated production platforms convert hydrogen to Methane CH_4 using CO_2 extracted from the air



Methane is liquefied and shipped



Super cheap carbon neutral methane



Profits pay for a Global UBI



Cheap carbon neutral energy drives global economic development and delivers net zero

Social & Environmental Impact

Impact on Poverty

- Lifting millions out of poverty
- Energy is essential for economic growth. By making energy reliable, plentiful, available and cheap, Tabbre helps global economic growth
- Paying a Global Universal Basic Income
- Reducing international financial risk by providing a self-sovereign global reserve currency
- Blockchain banking and financial services available to everyone

Environmental Sustainability

- Contributing to a sustainable and prosperous future by drastically reducing carbon emissions
- Reducing global poverty reduces environmental degradation
- When mature the size of Tabbre's floating solar farms will allow for tuning the earth's albedo by c. 0.3% equivalent to $\pm 0.8^{\circ}\text{C}$
- Every component of Tabbre's energy infrastructure will be fully recyclable: no new mineral extraction

Tabbre's Global Universal Basic Income (GUBI)

Why?

- **Fairness:** Tabbre is using international waters, and these are global commons
- **Protection:** Governments might try to confiscate Tabbre's property. The GUBI will make this politically difficult
- **Decentralization:** Paying a GUBI in BRE will drive adoption, making BRE a self-sovereign decentralized global currency

How?

- **Universal:** Create a global decentralized self-sovereign registration scheme for claimants
- **Pro Rata:** The GUBI will be paid on a pro rata basis to every person on earth
- **Equitable:** Paid in BRE periodically by dividing the amount set aside by the number of eligible recipients

Tabbre's GUBI is a dividend paid to everyone

Because everyone should benefit from the sun and the oceans



The role of TABB & BRE crypto currencies

- Tabbre will use the power of crypto speculation to lower the cost of capital for developing floating solar farms
- Tabbre is creating two cryptocurrencies: TABB & BRE, expressed on a new proof of stake blockchain: the TabbreChain
- TABB is a limited supply governance token for Tabbre's governing Decentralized Autonomous Organization
- TABB is used as collateral for the TabbreChain proof of stake consensus

- BRE is the utility token and its issuance is algorithmically controlled
- TabbChain transaction charges and fees are payable in BRE
- TABB stakeholders are rewarded in BRE
- The TabbreChain hosts the smart contracts that encode the decentralized foundations governance and tokenocracy rules
- This allows the Tabbre system to grow and evolve over time to reflect society's changing needs

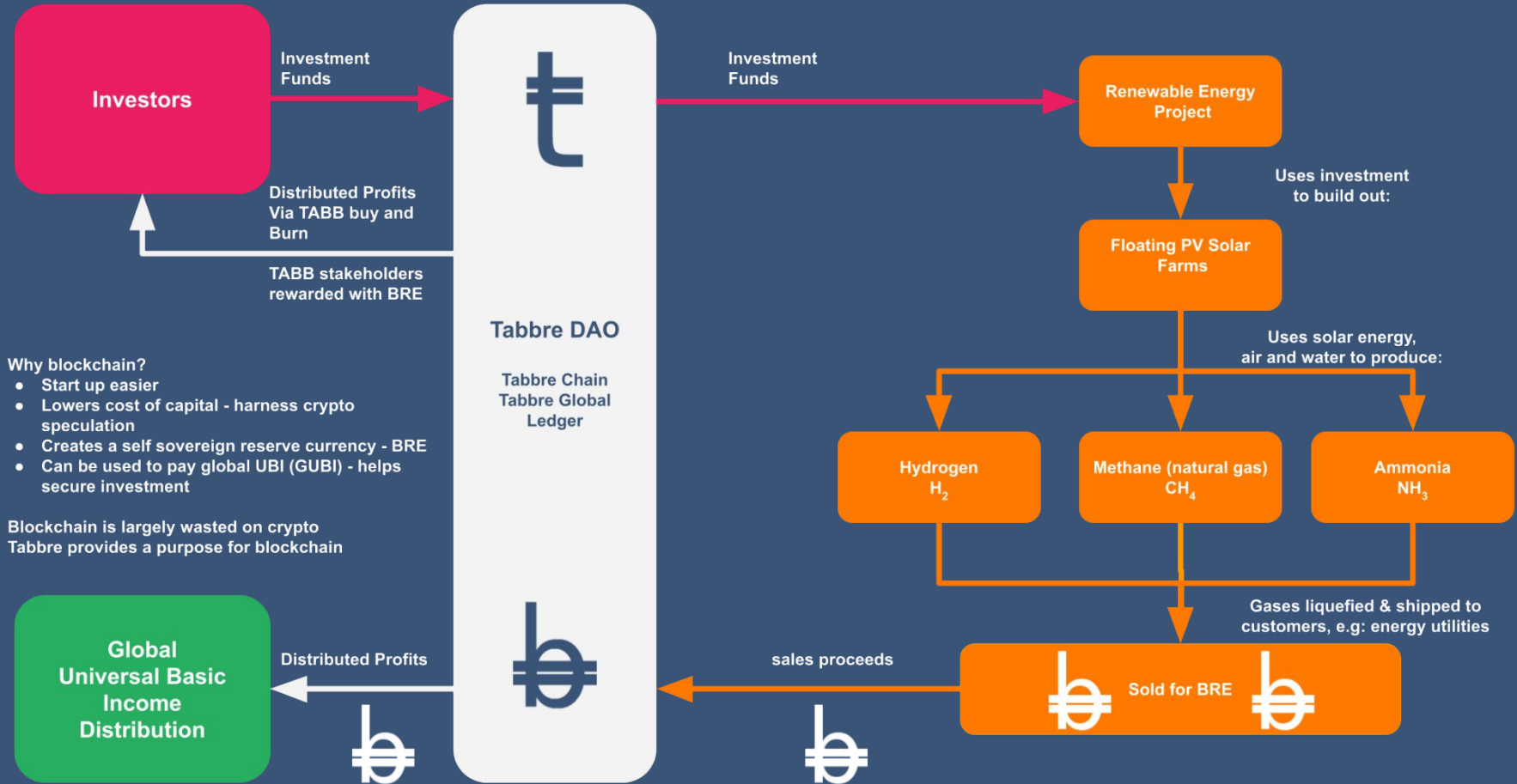
All Tabbre energy priced and sold in BRE

The Tabbre Investment Model

- The Tabbre Foundation DAO (The Foundation) operates the Tabbre scheme
 - The Foundation will own substantial assets including oceanic solar farms & TABB, these are collateral for issuing bonds (USD & BRE)
 - Funds raised shall be invested in Tabbre's energy generation, storage and distribution
- Profits will be reinvested into more capacity
 - As Tabbre's energy production reaches its target output, (the distribution point), the foundation will use its profits to **buy and burn TABB** resulting in strong price gains, rewarding investors
 - Excess profits will be used to pay our Global Universal Basic Income (GUBI)

Profits reinvested until the distribution point
Then profits will be **distributed by buying and burning TABB**

Tabbre Ecosystem



10 Year Roadmap

Phase 1: Concept Stage Now

- Validate models, strategy, white papers
- Recruit team
- Establish the Tabbre Foundation
- List TABB/BRE on exchanges

Phase 2: Initial Development c.12 months

- Solar farm physical proof of concept
- Establish the Tabbre Foundation
- Launch production funding round
- Develop the TabbChain Test Net
- Complete minimum viable solar farm
- Prototype raft & harvester manufacturing plants

Phase 3: Early Production c. 18 months

- Establish decentralized governance
- Establish BRE Monetary Authority DAO
- Complete production funding round
- Complete commercial hydrogen production system (H_2)
- Pilot ammonia (NH_3) production
- Commence energy sales in BRE

Phase 4: Gigawatt Scale c. 24 months

- Complete gigawatt funding round
- Scale up manufacturing plant
- Build out gigawatt scale production (H_2 & NH_3)
- Pilot methane production
- Establish BRE debt market

Phase 5: Multi-Gigawatt Scale Multi-year

- Complete multi-gigawatt funding round
- Scale up manufacturing plant
- Build out multi-gigawatt scale production (H_2 & NH_3)
- Commence full methane production

Phase 6: Terawatt Scale - 2030s

- Scale up to multi-terawatt capacity
- Commence TABB buy and burn
- Initiate Global Universal Basic Income (GUBI)

Investment **Targets**

Phase 1 Concept Stage - Now

- Budget: < US\$ 10 M
- Target cost of energy: N/A

Phase 2 Initial Development c.12 months

- Budget: < US\$ 100M
- Target cost of energy: US\$ 200 per MWh

Phase 3 Early Production c. 18 months

- Budget: US\$ 300M - US\$ 500M
- Cost of energy target US\$ 50 per MWh

Phase 4 Gigawatt Scale c. 24 months

- Budget: US\$ 2 bn - US\$ 3 bn
- Cost of energy target US\$ 35 per MWh

Phase 5 Multi-Gigawatt Scale Multi-year

- Budget: US\$ Multi billion
- Cost of energy target US\$ 25 per MWh

Phase 6 Terawatt Scale 2030s

- Budget: US\$ Multi trillion
- Cost of energy target US\$ 5 per MWh

Average cost of fossil fuel energy is US\$ 35 / MWh

The target cost of Tabbre's energy is US\$ 5 / MWh

The Investment Opportunity: TABB¹ Private Sale² to fund phase 1 & 2

1. The private sale will attempt to raise **USD 100,000,000 by selling 200,000,000 TABB** on a first come first serve basis.
2. The price of TABB will increase as a function of the total number sold.
3. There will be no fixed time limit for the private sale to end. The private sale will end when either all the TABB allocated for private sale have been bought or when TABB is made available for purchase by the general public, either through a public sale event or public exchange listing.
4. For the sake of simplicity, the TABB price curve will be incrementally ascending, like a staircase, with **price increments of USD 0.001 per increment**.
5. There will be **1000 price increments** on the curve.
6. Each price increment will be for tranches of **200,000 TABB**.
7. The average price will be USD 0.5 per TABB and the **starting price is USD 0.001 per TABB** and the **maximum price will be USD 1 per TABB**.
8. The target **exchange listing price will be twice the price of the last TABB to be purchased in the private sale**.
9. The private sale prices for TABB represent a considerable price discount compared to the public exchange launch price.
10. The target public exchange listing date will be in the first half of 2025.

Notes:

1 TABB: Token for Administering the BRE Blockchain & BRE: Basic Renewable Energy

2 Participation in the TABB private sale is by invitation only



Charles Cunningham Founder



I founded the Tabbre Project because Net Zero policies are making access to energy unreliable and expensive. This is a disaster for the world's poor.

The only viable way to achieve net zero is to make renewable energy cheaper and more abundant than fossil fuels.

The Tabbre Project's floating solar farm technologies, coupled with Tabbre's unique tokenomic model, will provide the world with cheap and abundant renewable energy and real economic support for the developing world.

My career of over 40 years working in Europe, North America and the UK that included senior business, engineering and IT roles in industries such as blockchain, banking, energy, car manufacturing, utilities and central government, has equipped me with the skills and knowledge needed to deliver the Tabbre Project.



Help Tabbre end the climate crisis and global poverty

Thank you

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