



the
thorium
network

Introduction to The Thorium Network

The Challenge

- Energy consumption globally is increasing exponentially > current energy production is unsustainable and environmentally detrimental.
- Production of energy is the largest source of global greenhouse gas (GHG) emissions: 80% of the world's energy production is sourced from burning fossil fuels.
- The use of uranium in nuclear plants has demonstrated devastating consequences in the application of weapons.
- Renewable energy faces challenges in inefficiency and unreliability.
- A new baseload power source is needed.
- Due to a lack awareness and consensus > minimal thorium adoption by governments into energy portfolios.
- Due to low demand of thorium > Thorium Molten Salt supply chain network currently does not exist and all stakeholders are wholly disparate and fragmented.

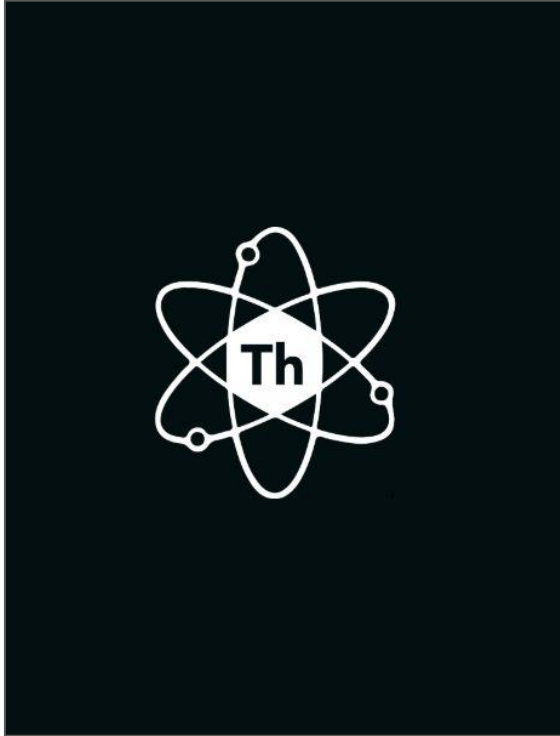


The Solution



- Adoption of Thorium worldwide as an energy source.
- Replacement of current poor energy production practices.
- New energy economy to emerge means worldwide use of a cleaner and safer energy source.
- New energy supply chain system: transparency and assured security of transactions.
- Transparently track and manage Thorium and related fuel components across all touchpoints.
- Local distributed control and management techniques > decentralisation and digitalisation trends in energy.
- Use of blockchain means to facilitate distributed transactions by removing a centralised authority - increase public trust and overall security.
- Greater transparency, efficiencies and collaboration means advancement of the energy industry.

The Thorium Network



The Thorium Network is an innovative leader in the energy ecosystem driving a sustainable and clean future for the world.

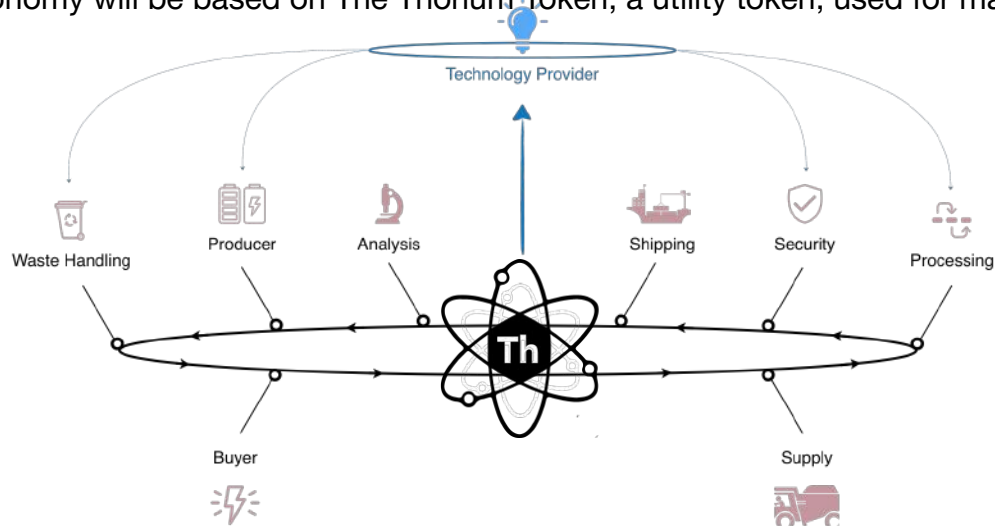
By incorporating a deep scientific and technological approach, The Thorium Network is facilitating the development of a new clean energy economy. This is done through driving the mainstream adoption of Thorium as a clean and safe energy source as well as providing a reliable and cost-efficient platform for the Thorium value chain.

The Thorium Network is building the global decentralised system for thorium and related materials in molten salt energy production. As the first in the world to create this system, underpinned by blockchain technology, The Thorium Network provides harmonised clean energy supply management that is transparent, compliant and accessible.

For a better tomorrow - we deliver Thorium.

The Offering

- The Thorium Network will develop and manage a blockchain-based logistics platform that will supply, trace and track all Thorium and related materials sent over it.
- IAEA guidelines and country regulations will be mapped and codified into the product framework.
- The records of key information in the blockchain will be made available for public scrutiny.
- A full working supply chain management software will be built.
- All Thorium delivery activities will be tokenized with The Thorium Token within the Thorium Economy.
- The Thorium Economy will be based on The Thorium Token, a utility token, used for market exchange.





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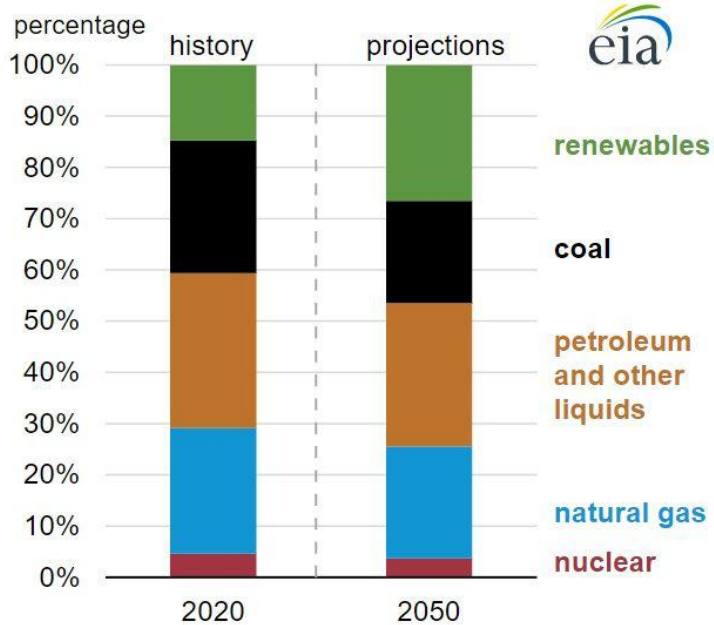
“The anti-nuclear
movement to which I
once belonged has
mised the world about
the impacts of radiation
on human health.”

– George Monbiot, *The Guardian*, April 2011



The Market

Share of primary energy consumption by source, world



Source: U.S. Energy Information Administration, *International Energy Outlook 2021* (IEO2021) Reference case

- US Energy Information Administration International Energy Outlook 2021 (IEO 2021): By 2050, global energy use in the Reference case increases nearly 50% compared with 2020—mostly a result of non-OECD economic growth and population, particularly in Asia.
- Renewable energy: Leading source of primary energy consumption by 2050.
- Fossil fuels continue to meet much of the world's energy demand.
- Nuclear consumption increases by 1% per year.
- Natural gas is the world's fastest growing fossil fuel, increasing by 1.1% per year; Liquid's increase at 0.6% and Coal at 0.4% per year growth.
- In the 2040s, coal use to increase in non-OECD Asia excluding China.

The Token

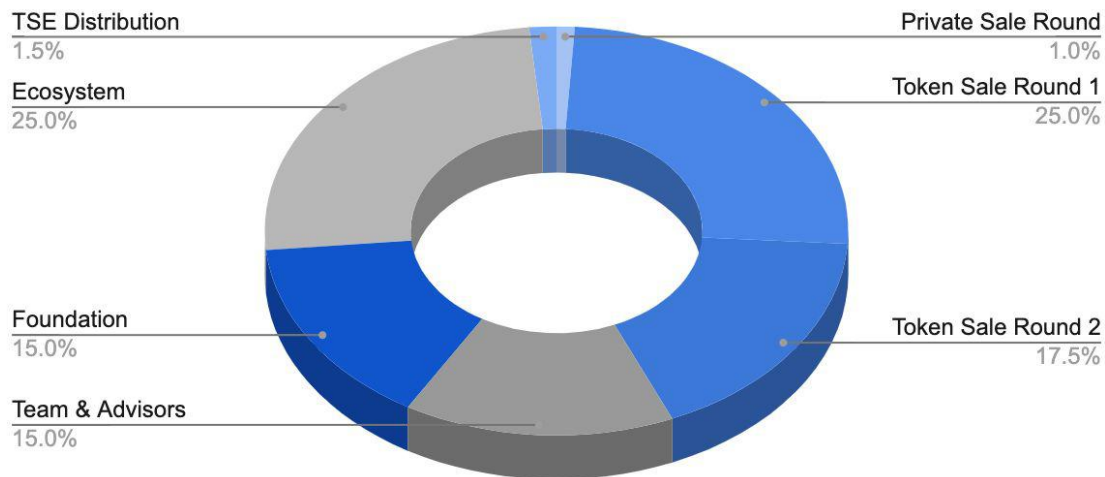
- The Thorium Token - the token currency for the Thorium Economy.
- One gram of Thorium will produce 24 MWh of energy.
- With energy sold at €0.05 per kWh, each gram of Thorium produces €1,200 of energy value.
- Each Token is backed by an amount of Thorium equivalent to the effort required to move the Thorium from mine to the burner where it produces energy.
- 0.232 grams of Thorium will back each token in the Thorium Economy.
- Estimated value of Thorium before processing into energy is €3 per gram.



The Opportunity

- 2,000,000,000 premined tokens.
- Private Contributions: Open
 - 10,000,000 token allocation.
 - Nominal €0.50 per token.
 - Minimum contribution of €5,000.
- Token Sale Event (TSE) Stage 1, Q3 2022
 - 500,000,000 tokens available.
 - €1.00 per token.
 - Minimum purchase of €500.
- Token Sale Event (TSE) Stage 2, Q1 2023
 - 350,000,000 tokens available.
 - €1.50 per token.
 - Minimum purchase of €500.

Token Distribution (2B Tokens)



The Plan

Whilst the pandemic is in action we are going sideways on our token issuance. Patience is advised.

Q4 2019

Q3 - Q4 2020

Q3 2022

Q1 2023

2023 - 2025

**Establish Full Team,
Project
Documentation and
Business Model**

**Establish
Regulatory
Framework
and Token
Sale
preparation**

**Develop
Product
Prototype**

**Token
Sale Event**

**Product
Development
(18 Months)**

**Thorium
Network
Operations**

- Tokenised blockchain, wallets, escrow services and exchange listings.

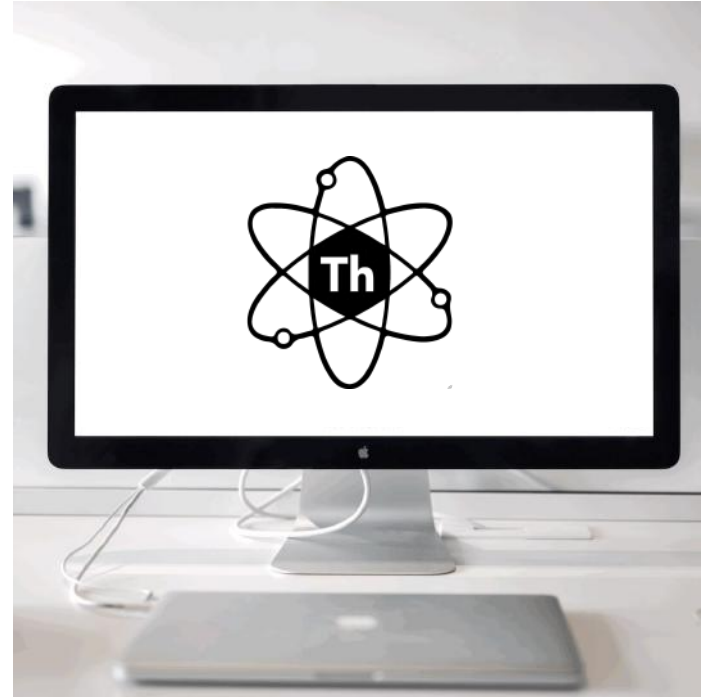
- National network integrations
- Global Thorium energy blockchain

- MSB suppliers blockchain
- Suppliers integration
- R&D activities

- World center of Thorium energy integrated in key industries like auto, aviation, metal production, manufacturing, etc

The Network

- The Thorium Network: The world's primary source and distributor of Thorium.
- **One** public market for sellers & buyers, suppliers and end users: Protected, public and secured environment for supply of and access to Thorium, related fuel elements and technologies.
- Every transaction recorded on the Thorium Network blockchain.
- Smart contracts: Used to supply services, technologies and fuel materials.
- Both parties provide Proof of Compliance (PoC) before entering into any transaction.
- Market / Revenue products:
 - Thorium “standard” and custom fuel mixes.
 - Thorium technology sale and leasing.
 - Thorium custody (storage suppliers will be able to offer custody services for end users).
 - Energy production waste handling services with approved storage facilities.
 - Other products and services - this will create a sub-related market trade on the Thorium Network.





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"If we're going to tackle global warming, nuclear is the only way you can create massive amounts of power."

— Sting, Dec. 2016



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