

ENTOKEN: A Universal Unit of Human Economic Value

A Mathematical Model for a Non-Inflationary, Non-Speculative Equity Token

Abstract

ENTOKEN is not a cryptocurrency in the conventional sense.

It is a universal unit of value derived from the relative human cost of real goods and services across global markets. It is not tied to fiat money, commodities, speculation, government policy, or interest-based economics. Instead, it uses a mathematically stabilised Consumer Price Index (E-CPI) based on relative global value—similar work, similar goods, similar essentials—across all nations.

The result is the world's first true stable coin, because it is the first token whose value is defined independently of monetary systems and market volatility.

ENTOKEN is also the first equity token, because it represents a share of real economic value, not a security or investment. It is “equity” in the original meaning of the word: fairness, equivalence, and relative human value.

1. Introduction

Traditional money is unstable, political, and speculative.

Stablecoins claim stability but are in reality pegged to unstable fiat. Cryptocurrencies float freely and behave more like commodities than value units. None of these systems accurately represent the real, lived economic value of things in human life.

A loaf of bread feeds a family the same whether it is purchased in India or the UK.

A day of labour produces the same human effort regardless of currency.

Electricity provides the same energy worldwide.

Yet the prices vary wildly due to currency systems—not due to value itself.

ENTOKEN solves this contradiction.

It creates a universal, inflation-proof, speculation-proof value unit based on relative economic cost, not price, not demand, not markets.

2. The Principle: Relative Value, Not Market Price

Every item or service has two aspects:

1. Local price – denominated in weak or strong fiat
2. Local human cost – how much of a person's income it consumes

The second is what actually matters, and what ENTOKEN measures.

Example:

- Bread costs £3 in the UK and 20 rupees in India
- A plumber earns 200 GBP/day in the UK and 800 INR/day in India

The relative cost of bread compared to income may be almost identical.

Therefore, bread has a universal human value.

ENTOKEN captures this universal value mathematically.

3. Mathematical Model

3.1 Relative Value (RV)

For item i in country c :

$$RV(i,c) = \text{LocalPrice}(i,c) / \text{LocalMedianIncome}(c)$$

This expresses the human effort required to buy that item.

3.2 Universal Value (UV)

Average relative value across all countries:

$$UV(i) = \text{average of } RV(i,c) \text{ across all } c$$

This is the global human cost.

3.3 Weighted Universal Value (WUV)

Each item gets a weight $W(i)$ based on universality.

For example:

Bread = 0.4

Day labour = 0.4

Electricity = 0.2

$$WUV(i) = UV(i) \times W(i)$$

3.4 ENTIFY Consumer Price Index (E-CPI)

$$E-CPI = \sum WUV(i)$$

This creates a global “basket of value”.

3.5 Definition of ENTOKEN

Let K be a divisor (e.g., 1,000,000) to set token scale:

$$1 \text{ ENTOKEN} = E\text{-CPI} / K$$

This makes the token easy to use and mathematically stable.

4. Sample Data Walkthrough

Let us define three items:

Item	Weight
Bread	0.4
Daily labour	0.4
Electricity (kWh)	0.2

Country A

- Income: 50/day
- Bread: 2
- Labour: 50
- Electricity: 0.2

Country B

- Income: 150/day
- Bread: 3
- Labour: 150
- Electricity: 0.4

Step 1 – Relative Values

Country A:

Bread: $2/50 = 0.04$
Labour: $50/50 = 1.0$
Electricity: $0.2/50 = 0.004$
Country B:

Bread: $3/150 = 0.02$
Labour: $150/150 = 1.0$
Electricity: $0.4/150 = 0.0027$

Step 2 – Universal Values

$UV(\text{bread}) = (0.04 + 0.02)/2 = 0.03$
 $UV(\text{labour}) = 1.0$
 $UV(\text{electricity}) \approx 0.00335$

Step 3 – Weighted Universal Values

$WUV(\text{bread}) = 0.03 \times 0.4 = 0.012$
 $WUV(\text{labour}) = 1.0 \times 0.4 = 0.4$
 $WUV(\text{electricity}) \approx 0.00335 \times 0.2 = 0.00067$

Step 4 – ENTIFY CPI

$E\text{-CPI} = 0.012 + 0.4 + 0.00067 \approx 0.41267$

Step 5 – ENTOKEN value

With $K = 1,000$:

$1 \text{ ENT} = 0.41267 / 1000 = 0.00041267$

This value is independent of:

- national currencies
- inflation
- speculation
- liquidity
- political decisions
- interest rates

It is tied only to the real human value of life necessities.

5. Why This Is the First True Stable Coin

1. It is mathematically defined, not market-defined

All existing “stablecoins” peg to fiat.

Fiat is not stable → therefore stablecoins are not stable.

ENTOKEN pegs to relative human value, which is extremely stable.

2. It measures effort, not price

Prices vary; human value does not.

When currencies devalue, incomes adjust; relative value remains.

3. It is immune to speculation

Speculation requires volatility.

Volatility requires free-floating price action.

ENTOKEN derives its value from a formula—not from markets.

It cannot be “pumped” or “dumped”.

4. It cannot inflate

No printing.

No interest.

No arbitrage.

Supply only increases through:

- work done
- assets tokenised
- donations (initially)

This ties supply to real value creation.

5. It cannot collapse

Because value does not collapse.

Only currencies collapse.

6. Why ENTOKEN Is the First True Equity Token

"Equity" originally meant:

Equal value, fairness, and equivalence.

Not stock. Not a security.

A unit of fair exchange between all beings.

ENTOKEN is “equity” in this ancient sense because:

- a day of labour in India = a day of labour in the UK
- a loaf of bread in Brazil = a loaf of bread in Japan
- value is not determined by national power or speculative markets

Everyone receives equal economic value for equal effort.

That is true equity.

7. ENTOKEN as a Foundation for a Stable Sovereign Economy

ENTIFY’s future financial system includes:

1. The E-CPI Index

A public recommendation for the universal value of goods.

2. Insurance Pool Stabilisation

When assets are tokenised and sold, excess ENTOKEN enters a reserve pool.

If an asset is destroyed, stolen, or lost, the network pays to rebuild it, ensuring the tokens in circulation remain backed by real assets.

3. Digital Cash Vouchers

Anonymous, instant payments inside the sovereign network with external redemption via the ENTIFY DAO.

4. Private Estate Wallets

Where ENTOKEN serves as stable equity
—not currency, not savings, not investment.

8. Conclusion

ENTOKEN introduces the world’s first:

- mathematically stable value unit
- universal human-value-based metric
- non-speculative equity token
- CPI derived from real life, not prices

- economic system tied to life and labour, not markets

This creates a financial foundation that is fair, resilient, inflation-proof, and independent of geopolitical currencies.

ENTOKEN is not designed to replace money.

It is designed to replace instability.

A world built on relative value is a world in which:

- effort is rewarded equally
- assets remain stable
- speculation cannot distort life
- a global sovereign network can function fairly

This is the foundation for a new economic era.

A system based not on debt, interest, or inflation—but on life itself.