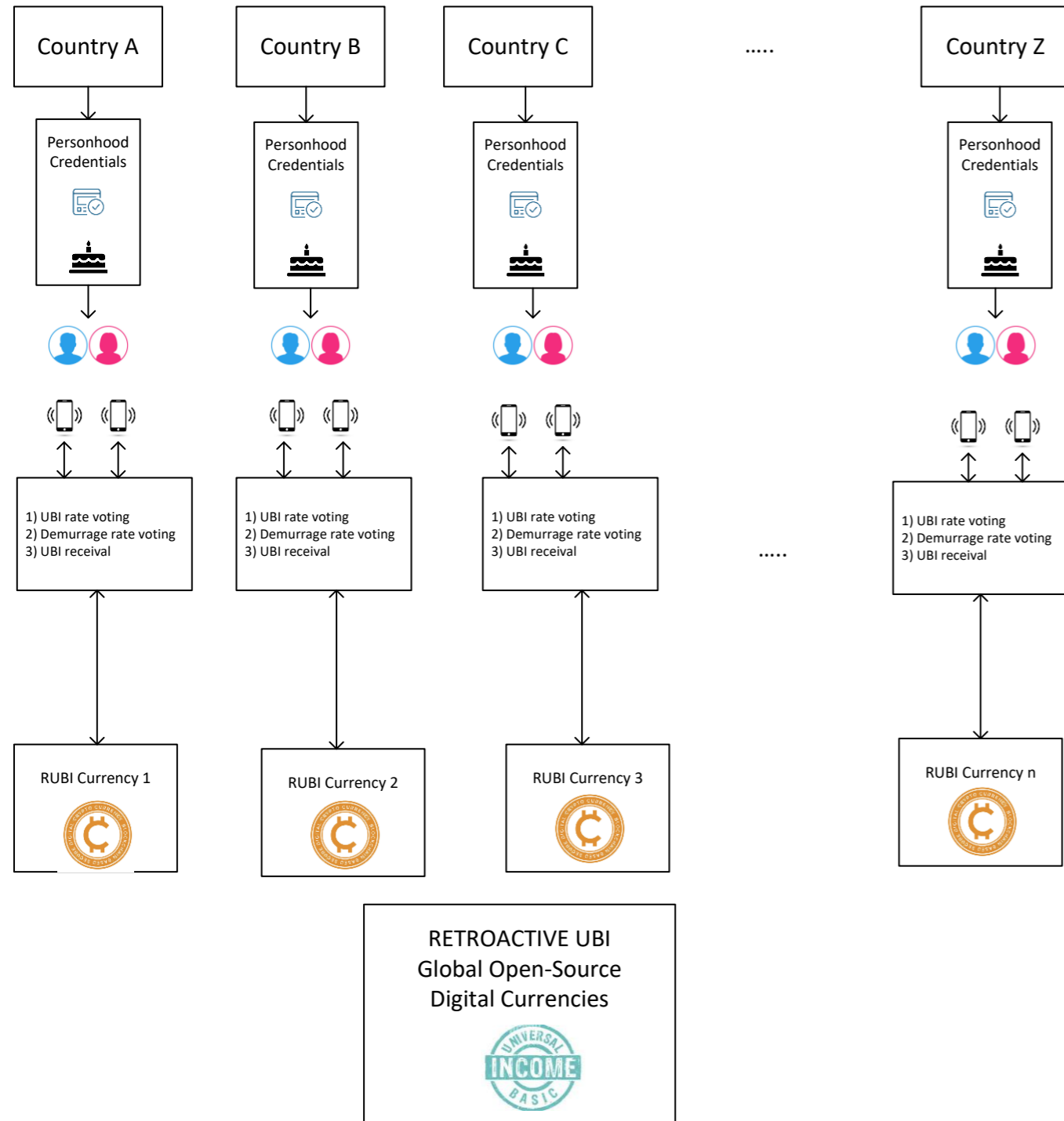# RUBI: A Self-Sovereign Identity-Based Retroactive Universal Basic Income System

An Open Framework for Global UBI and Economic Inclusion

Nation-State Issuance of Digital Personhood & Credentials

1) Each country enables individuals to obtain verifiable personhood credentials (aligned with Self-Sovereign Identity principles).

2) These credentials act as proof of human existence and eligibility for RUBI.

Identity Verification for Global Economic Participation:

3) Each credential validates the personhood of individuals, ensuring only real humans (not bots) participate in the economy.

4) This verification allows individuals to receive UBI, vote on economic parameters, and access decentralized financial systems.

Democratic Economic Governance – Citizen Participation in Monetary Policy

5) UBI Rate Voting: Citizens vote on the amount of universal basic income.

6) Demurrage Rate Voting: A mechanism to discourage hoarding and encourage spending, decision on what percentage of demurrage to be set?

7) UBI Receival: Participants receive UBI directly into their wallets based on personhood credentials and voting outcomes.

Globally Distributed & Competing Digital Currencies Supporting Retroactive UBI

8) These are interoperable digital currencies created under open-source governance.

9) Designed to be non-speculative, inflation-resistant, and democratically governed.

Diagram labels:

Country A — Country B — Country C — ….. — Country Z

Personhood Credentials

1) UBI rate voting
2) Demurrage rate voting
3) UBI receival

RUBI Currency 1 — RUBI Currency 2 — RUBI Currency 3 — RUBI Currency n

RETROACTIVE UBI
Global Open-Source
Digital Currencies

How RUBI Works – A Simplified Overview:

1) **Obtain Digital Identity** – Citizens receive personhood credentials via self-sovereign or national ID systems.
2) **Participate in Economic Governance** – Individuals vote on UBI rates and demurrage parameters.
3) **Receive Retroactive UBI** – UBI is distributed based on birthdate, ensuring equitable compensation for past exclusion.
4) **Circulation & Economic Activity** – Digital currencies operate with a governance-based demurrage model to prevent stagnation and excessive accumulation.
5) **Global Interoperability** – RUBI integrates with existing decentralized identity frameworks (SSI, verifiable credentials, DID standards) for seamless access across regions.

Proposed by Nivas Sivaprakasam | Open for Community Contributions