

## **Cooperative Institutions/ Separation of Powers - Senate and Management**

- Senate will be designed to have a Management system based on the apportionment of senate seats.
  - Distributed senate seats equally between all stakers.
  - Established a Senate divided equally.
  - Reduced the power of the founders and distribute management to the cooperative.
  - Execute reward system to three divisional categories. Co founders (platinum), executive Stakers (Investors and Senators)(gold) and Miners (Silver.)

### **Executive branch**

Management team will be designed to incorporate several positions, including and not limited to President, CEO, CTO, CLA, CMO and CFO.

Management team will be part of the executive branch on NuGenesis

- A President will be appointed to be the head of cooperative. He:
  - Is elected by a two-thirds majority of senate. If no presidential candidates are able to meet the two-thirds majority requirement in the first round of voting, a second round of voting is scheduled in which absolute majority suffices.
  - Serves a 2-year term with consecutive terms acceptable subject to the majority support.
  - Appoints the CTO in consultation with the Senate.
  - Promulgates laws passed by the Senate.

- Can only make changes with the approval of the Senate or the relevant senators. The only exceptions are the decree appointing the Senate and the decree accepting the resignation of a senator.
  - Negotiates and ratifies new business in coordination with the Senate.
  - Can convene, in agreement with the Senate, the council of senators to an extraordinary session.
  - Has the right to request the council of Senators to revise any decision it takes. If the council maintains its position, its decision is automatically considered to be in force.
  - Can request the council of Senators to dissolve Senate before the end of its mandate only if the Senate fails to meet in two successive Senator sessions or fails to vote on the issues before the senate.
  - Can utilize veto vote subject to the primary ten commandments being at risk of change.
  - Responsible to ensure the blockchain and its integrity is kept inline with the genesis 10 fixed laws.
- The **management team** is the head of the Cooperative, they:
    - Are appointed by the president in consultation with Senate. Members of Senate also suggest candidates for the position.
    - Heads the council of Senators and sets its agenda.
    - Conducts the consultations requisite to forming a consensus on an issue.
    - Must vote on all decisions made along with the president, with the exception of the decree accepting the resignation of a senator.
- The **Council of Senators**:
    - Is appointed by the Senate, in consultation with the president and members of Senate. Senate seats are allotted to stakers in proportion to their numbers.
    - Requires a vote of confidence from the Senate in order to remain in power. A vote of no confidence is available in the rare situations, the senators are deemed to be working against the best interest of the platform.

- Proposes changes are submitted to the council and a vote is to take place.
- Makes its decisions by consensus but if consensus is impossible, it makes decisions by majority vote of members present at the meeting. Certain “critical issues,” however, require the approval of two thirds of all the members of the council. These include: amending the constitution, declaring and amending the mining and staking protocols. Amending or changing bylaws or standard operational procedures.

### **The individual senator.**

The 313-member

- Elected by nomination process - vote for periodical terms
- System will stake a minimum of 100,000 Nucoin to activate the royalty distribution on behalf of the Senator.
- Self nomination is acceptable.
- Priority given to nominees with great nomination numbers.

<b>Tasks</b>	<b>Seats</b>
<b>senators</b>	<b>200</b>
<b>Early investor</b>	<b>100</b>
<b>Management team</b>	<b>13</b>
<b>Total governance branch</b>	<b>313</b>

- The **Speaker of Senate:**

- Is elected by the Senate.
- Has considerable power, because he can delay the presentation to Senate of the draft proposals prepared by the executive branch. This creates a situation in which the Senate and the council of Senators are forced to bargain with the speaker to ensure that draft proposals are

placed, within a reasonable amount of time, on the agenda of the relevant Senate commission.

### **The Cooperative :**

- **Nugensis is divided into ten governorates Each governorate is administered by a 20 Senators. With an additional 113 senator positions, 100 Investor seats and 13 being appointed by the cofounders, these senators must have the necessary skills and expertise in the fields they are appointed into.**

**Geographical:** Africa, Asia, Central America, Eastern Europe, European Union, Middle East, North America, Oceania, South America, and the Caribbean

**Dap's Development:**

**Blockchain Development:**

**Technical advisory:**

**Marketing and sales:**

**Legal:**

**Developers and technical advisory:**

**Banking/ usury advisory:**

**Social Networking:**

**Other:**

The division of Governance, can be amended by the co-operative at any time, subject to majority vote:

Senator positions are contractual based on KPI and Terms (period of time) The created wallet of the Senator, will be automatically paid by the Reward Treasury.

- The governorates are further subdivided into responsibilities, each of which is presided over by an expert in the field. The field expert will be nominated by the cofounders and core management team.

- The 13 appointed senators will serve a fixed period of time, subject to requirements. When their terms are over, the positions will be made available for new nominations, who meet the minimum required expertise guidelines.

Table below: Rewards Distribution for gold miner

<b>gold reward distribution</b>							
Period	coins per day created	gold staker reward 18%	per gold staker	yearly reward	period reward	Minimum Staking Amount	
1-5	345600	62208	198.7476038	72542.8754	362714.377	100,000 NUC	
6-10	345600	62208	198.7476038	72542.8754	362714.377	100,000 NUC	
11-15	316800	57024	182.1853035	66497.63578	332488.1789	100,000 NUC	
16-20	316800	57024	182.1853035	66497.63578	332488.1789	100,000 NUC	
21-25	288000	51840	165.6230032	60452.39617	302261.9808	100,000 NUC	
26-30	288000	51840	165.6230032	60452.39617	302261.9808	100,000 NUC	
31-35	259200	46656	149.0607029	54407.15655	272035.7827	100,000 NUC	
36-40	259200	46656	149.0607029	54407.15655	272035.7827	100,000 NUC	
41-45	230400	41472	132.4984026	48361.91693	241809.5847	100,000 NUC	
46-50	230400	41472	132.4984026	48361.91693	241809.5847	100,000 NUC	
51-55	201600	36288	115.9361022	42316.67732	211583.3866	100,000 NUC	
56-60	201600	36288	115.9361022	42316.67732	211583.3866	100,000 NUC	
61-65	172800	31104	99.37380192	36271.4377	181357.1885	100,000 NUC	
66-70	172800	31104	99.37380192	36271.4377	181357.1885	100,000 NUC	
71-75	144000	25920	82.8115016	30226.19808	151130.9904	100,000 NUC	
76-80	144000	25920	82.8115016	30226.19808	151130.9904	100,000 NUC	
81-85	115200	20736	66.24920128	24180.95847	120904.7923	100,000 NUC	
86-90	115200	20736	66.24920128	24180.95847	120904.7923	100,000 NUC	
91-95	86400	15552	49.68690096	18135.71885	90678.59425	100,000 NUC	
96-100	86400	15552	49.68690096	18135.71885	90678.59425	100,000 NUC	
101-105	57600	10368	33.12460064	12090.47923	60452.39617	100,000 NUC	
106-110	57600	10368	33.12460064	12090.47923	60452.39617	100,000 NUC	
111-115	28800	5184	16.56230032	6045.239617	30226.19808	100,000 NUC	
116-120	28800	5184	16.56230032	6045.239617	30226.19808	100,000 NUC	
121-125	0				0	0	
				lifetime return	4715286.901		

Co-operative requires minimum 10% to form quorum.

This structure can be amended to be more suitable, subject to majority vote. The governance core number are fixed value based on mathematical distribution. Although the 313 position structure is a fixed mechanism (100 investor, 200 executive, 13 core founder selection) the 200 senator positions and terms may be

amended to improve the governance systems. The 200 senator roles must be based on terms and KPI.

The Investor positions are fixed positions and continue for a maximum of 120 years. Inheritance and transfer of stake is a built in mechanism.

All Senators are expected to take part in the senate voting process and have the ability to put forward nominations, in the event of a nomination process being activated. All nominations adhere to they same majority test.

The Senate must notify the cofounder management team on all decisions, Minute of meetings must be logged. A VETO can be utilized by the core management and cofounder team, in the event the senate vote affects the following:

1. Brakes the first rule of the NUGENESIS Non Usury policy.
2. Effects the computing functionality of the chain.
3. May cause a security threat and jeopardize the network.
4. Causes Harm or may cause harm to person, property, stakeholder agreements or growth strategies.
5. Limitations on the technology.