$$Monetary\ Policy = Sovereign\ District_{Monetary\ Policy} \tag{1}$$

$$Sovereign\ District_{Government\ Credit} =$$
$$\sum_{Emission\ Bill \in Sovereign\ District_{Emission\ Bills}} Emission\ Bill_{Value} - Emission\ Bill_{Tax\ Payments} \tag{2}$$
where:
$$Emission\ Bill \in Sovereign\ District_{Active\ Proposals}$$

$$Sovereign\ District_{Bank\ Credit} =$$
$$\sum_{Banking\ License \in Sovereign\ District_{Banking\ Licenses}} \sum_{Loan \in Banking\ License_{Loans}} Loan_{Value} - Loan_{Loan\ Payments} \tag{3}$$
where:
$$Banking\ License \in Sovereign\ District_{Active\ Proposals}$$

$$\begin{aligned}
Sovereign\ District_{Token\ Supply} = &\ Sovereign\ District_{Government\ Credit} \\
&+ Sovereign\ District_{Bank\ Credit} \\
&+ Monetary\ Policy_{Open\ Market\ Operations} \\
&+ Monetary\ Policy_{Forex\ Operations}
\end{aligned} \tag{4}$$

$$Sovereign\ District_{Sovereign\ Debt} =$$
$$\sum_{Emission\ Bill \in Sovereign\ District_{Bills}} Emission\ Bill_{Value} - Emission\ Bill_{Tax\ Payments}$$
$$+ \sum_{Bill \in Sovereign\ District_{Bills}} \sum_{Loan,Bond \in Bill_{Public\ Obligation}} Loan_{Value} - Loan_{Loan\ Payments}$$
$$\vee\ Bond_{Nominal\ Value} - Bond_{Bond\ Payments}$$
$$+ abs(Monetary\ Policy_{Open\ Market\ Operations}) \tag{5}$$
where:
$$Emission\ Bill \in Sovereign\ District_{Emission\ Bills} \wedge Bill \notin Sovereign\ District_{Emission\ Bills}$$
$$\wedge\ Bill, Emission\ Bill \in Sovereign\ District_{Active\ Proposals}$$