



T5 Time To Turn The Tide

THE-POOL-LOOP

Cash flow is (a) human right



For Aristotle, **currency is a symbol of collective belonging**. Money structures social links thru three payment system rules:

- Money as unit of account defines the space where all commodities can be traded.
- Money as liquid debts accepted by third parties.
- Money to pay debts, the finality of payments, which is the realization of value.

At the most abstract level, **you must think of money as a language**: what gives meaning to others. Because the community is what makes the individual exist and money is a fundamental belonging relationship. The number's language is called value, its grammar is accounting.

We can therefore say that **money is the fundamental institution that organizes social links** within the society. It is what society gives to each of us, thru payments, judging what we brought to it.

2020-05-15 Michel Aglietta, La vraie richesse des nations est leur capital public

https://www.lemonde.fr/idees/article/2020/05/15/michel-aglietta-la-vraie-richeesse-des-nations-est-leur-capital-public_6039727_3232.html

A micro tax on any transaction



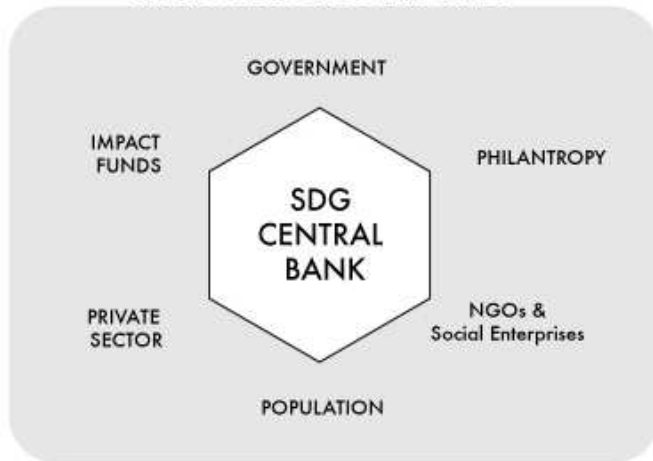
USD

0,1%

SDG Central Bank

Repair - Improve - Protect

THE-POOL-LOOP-GOVERNANCE



Six stakeholders:

Organized as a SCIC

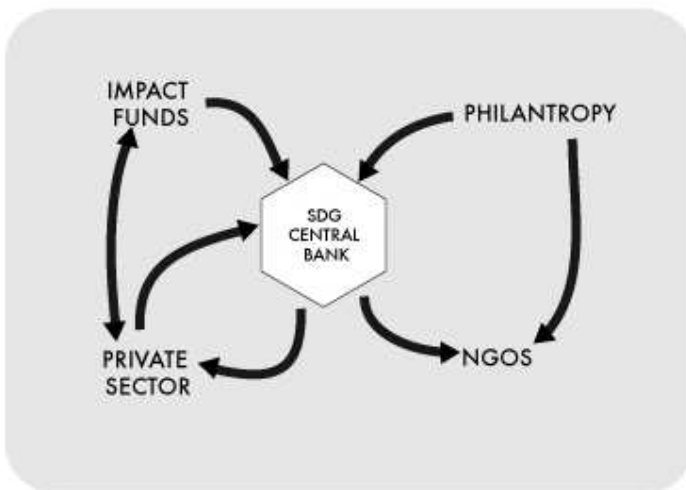
Société coopérative d'intérêt collectif

https://fr.wikipedia.org/wiki/Societe_cooperative_d'interet_collectif

Each college (government, philanthropy, etc.) as 1 vote.

Majority = 4/6

THE-POOL-LOOP-FLOWS



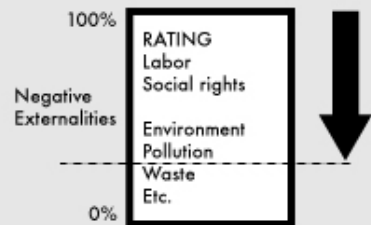
The SDG-CB *pools* various flows and redirects them towards:

NGOs doing good.

Private sector entities willing to decrease their Negative Externalities Rating (i.e. soft loan to reduce carbon emission).

THE-POOL-LOOP-METRICS

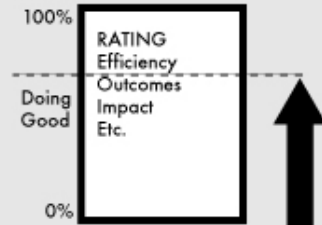
PRIVATE SECTOR INDEX



The private sector pays a fee on every electronic transaction. The level of this fee is based on the consolidated result of its Negative Externalities Rating (NER).

Incentive : decrease NER result to 0%.

NGOS SECTOR INDEX



The NGOs sector receives grants. The level of grants is based on the consolidated result of its Doing Good Rating (DGR).

Incentive : increase DGR result to 100%.

Private sector companies with Negative Externalities Ratings (NER) will strive to decrease their NER in order to pay less NER fee.

Doing good NGOs will strive to improve their Doing Good Rating (DGR) in order to receive more grants.

THE-POOL-LOOP-CLEARING-HOUSE

THE-POOL-LOOP-MACRO

$$\sum_{\text{fees}} \text{NER} = \sum_{\text{grants}} \text{DGR}$$

The primary rule is that the total amount of fees collected is the total amount of grants available.

THE-POOL-LOOP-BASIS-POINT

$$\text{SDG-CB} \longrightarrow \% \text{ basis point (bp)}$$

The SDG-CB collegially sets the value (%) of the basis point applied for the financial transaction fee. A private sector company with a rating of 40% will pay 40% of the basis point on each transaction.

THE-POOL-LOOP-ALGO-MULTIPLIER

$$\begin{array}{c} \text{Transaction} \\ \text{vol. (USD)} \end{array} \times \text{NER rating} \times (\text{bp}) \times \begin{array}{c} \text{SDG-CB} \\ \text{multiplier} \\ 1,x \end{array} = \sum_{\text{grants}} \text{DGR}$$

The SDG-CB collegially sets a "multiplier" (i.e. leverage) in order to increase the amount of resources available as grants.
The impact finance funds, as they are part of the SDG-CB governance can monitor the exact level of the multiplier.

The SDG-CB has two main functions:

1. Fix the level of the basis point (bp) that will set the micro-tax level.
2. Fix the multiplier in order to leverage the value of grants (philanthropy) and impact loans (impact funds).

BP Value:
0,1%

Enterprise A	
NER Rating result	47%
Annual volume cash flow (IN/OUT)	300'000
NER Fee	141

Enterprise B	
NER Rating result	88%
Annual volume cash flow (IN/OUT)	30'000'000
NER Fee	26'400

Enterprise C	
NER Rating result	25%
Annual volume cash flow (IN/OUT)	1'300'000
NER Fee	325

SDG-CB	
Value basis point (BP)	0.10%
Value Multiplier	1.50
Annual grant amount	40'299

NGO A	
DGR Rating result	56%
DGR Grant	17'227

NGO B	
DGR Rating result	75%
DGR Grant	23'072

BP Value:
0,2%

Enterprise A	
NER Rating result	47%
Annual volume cash flow (IN/OUT)	300'000
NER Fee	282

Enterprise B	
NER Rating result	88%
Annual volume cash flow (IN/OUT)	30'000'000
NER Fee	52'800

Enterprise C	
NER Rating result	25%
Annual volume cash flow (IN/OUT)	1'300'000
NER Fee	650

SDG-CB	
Value basis point (BP)	0.20%
Value Multiplier	1.50
Annual grant amount	80'598

NGO A	
DGR Rating result	56%
DGR Grant	34'454

NGO B	
DGR Rating result	75%
DGR Grant	46'144