

Taxonomy of Clearing in Communities

Path orientation. Graph	No path orientation. Matrix	History
<i>Using a graph w/o underlying matrix</i>	<i>Using a matrix w/o underlying graph</i>	

Without taking the Community into account

Between individual members
Mutual running accounts, compensation

Window from one ledger to another.
My ledger – my castle

Double entry bookkeeping
Luca Pacioli

Taking the community in account

Community of merchants at changing places

1. Bilateral compensation
Me and You
2. Looking for the 'third':
Who owes You?

3. Looking at the whole:
Me and all the other 'thirds' combined

Trade Fairs come together, virtual coin
Scontration, delegation.
Bank of Amsterdam, Hamburg Bank
virtual coin
re-write accounts
London Clearing House come together of walking clercks, currency

Community of merchants and a city

Community of banks, that issue cheques

from bilateral balances paid in cash to the account 'C.H.' in the Bank of England
no path orientation left

Community of banks and the central bank:
RTGS Systems, information interchange
no path orientation, no net-flow

What do we owe us?
If it is no longer gold?

Central Banks
Information processing and supervision of settlement

V1: Prince's coins
V2: Central Bank fiat
V3: Citizens credit & trust

consumption / use:
buy to have a living credit:
buy to realize project sponsoring:
buy to have a living consumption / use:
buy to have a basic living

due to direct contribution of goods/services
due to orientation to the common good
due to creation of non-economic values
due to belonging to society and indirect contributions

Sovereign money V.3 Blocks for TwinToken as mobile matrix

Red token settled by the bearer
Red token settled by creditor / community
Red token settled by donor
Blue token settled by society, paid for by a levy

Ensuring participation of all

Using the graph/matrix as diagnostic instrument for the state of local and global economy

Build healthy patterns of cooperation and interdependence
Triple bottom line WIN-WIN-WIN
in 'normal' global emergency times, without
LOSE: people (exploitation, colonization, wage slavery, bullshit jobs)
LOSE: planet (extraction, pollution, diversity)
LOSE: profit (externalization)



Future use of money

Emergency money in times of local crisis
Wörgl, WIR, Sardex

Emergency money for the global crisis