

### 3.3.3 The evolution of monetary systems: the directions not taken

- A. **SOLUTION IN THE INTEREST OF THE COMMUNITY:** exclusive and unlimited money power for the public, where money is not linked to anything (ex. precious metal).
- B. ~~SOLUTION IN THE INTEREST OF PRIVATE BANKERS: Gold standard monetary system~~



#### 4. Alternative monetary systems in the past: proposals and existing ones

- 1. Chicago plan
- 2 Free money
- 3. Greenback



3.3.3 The evolution of monetary systems: the directions not taken

1 Chicago plan (1933)

Henry Simons, Irving Fisher



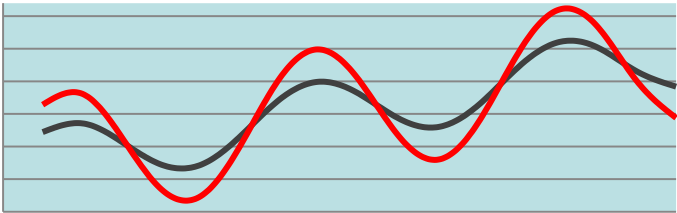
Economic fluctuations can be reduced by separating credit and money, i.e. the existence of money does not presuppose the existence of loans.



The state would take back the monopoly of money creation and its benefit.

Abolish private banks' right to create money.

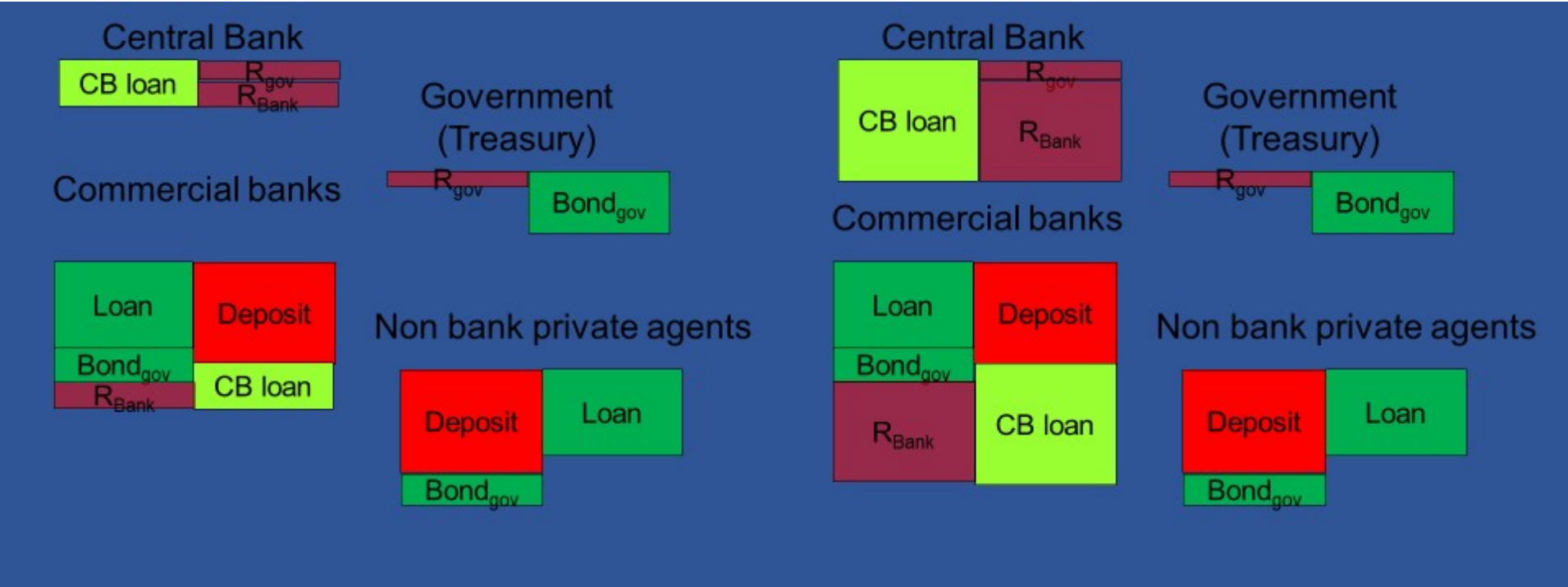
(= abolish private banks.)



Present situation

► 100% obligatory reserve rate

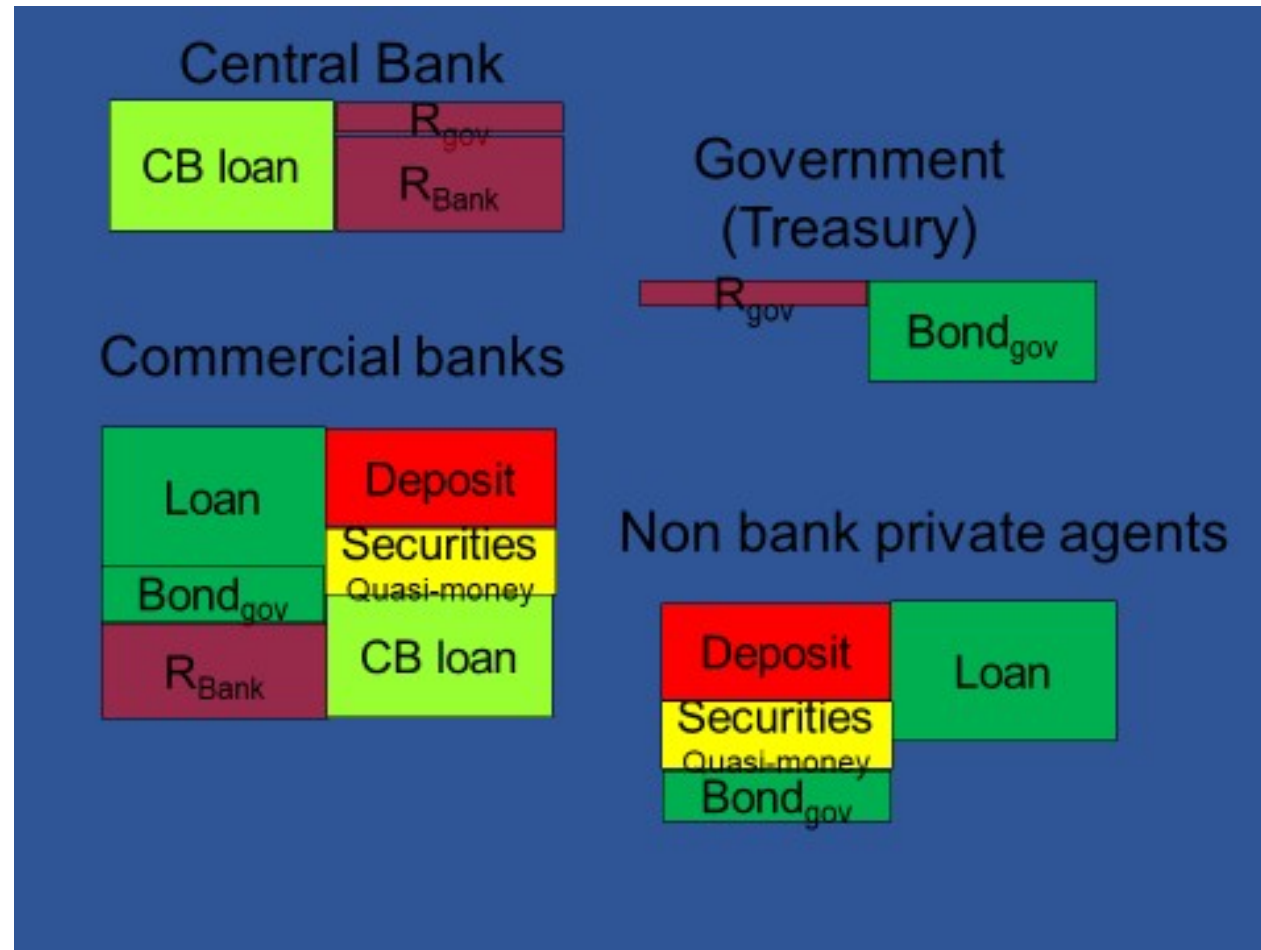
HOW TO IMPLEMENT?



Simplification: No cash

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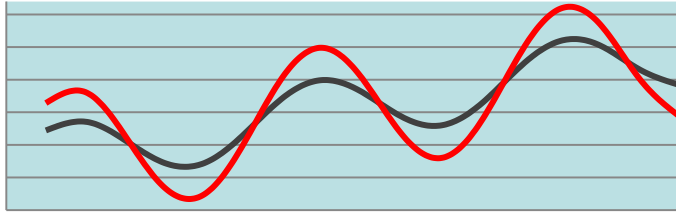
100% obligatory reserve rate is not effective: **quasi-money**



- ▶ 100% obligatory reserve rate +
- ▶ **PROHIBITED** for commercial banks to sell securities enforcable in terms of high powered money to the public

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#### 1 Chicago plan (1933)



#### HOW TO IMPLEMENT?

- ▶ 100% obligatory reserve rate
- ▶ + **PROHIBITED** to issue bank securities encorbable in terms of high powered money to the private sector



Economic fluctuations can be reduced by separating credit and money, i.e. the existence of money does not presuppose the existence of loans.



**The state would take back the monopoly of money creation and its benefit.**  
**Abolish private banks' right to create money.**  
(= abolish private banks.)

Had he similar heretic ideas?



**CHICAGO SCHOOL (1970-)**  
AWARDED BY NOBEL PRICE

- MONEY IS INESSENTIAL (Milton Friedman)
- MONEY IS NEUTRAL (Robert Lucas)

Further benefic effects:

- makes possible tax reduction and accordingly tax distortions;;
- reduction of total outstanding loans (private+public; induced by the transactions demand for money) → credit risk decreases → loan price decreases → enhance economic activity.

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#### 2 Free money (1916) proposal



Silvio GESELL

Free money (monetary reform): money created via purchase by the state that steadily „evaporates”

make money similar to commodities to end asymmetric (monopol) situation : make it perishable

#### 3 Greenback, American Civil War, 1861-1865)



Money created via purchase by the state, not linked to gold

### 3.3.4 The evolution of monetary systems: new trends

Central Bank Issued Digital Currency CBDC)  
Crypto moneies (ex. bitcoin) – not money here



### 3.3.5 Historical facts: a non-mainstream narrative



„Give me control of a nation’s money, and I care not who makes its laws!”

Mayer Amschel Rothschild  
(1744-1812)

HOW? „Do not take interest from an Israelite on anything, money or food or any other goods, which you let him have: From men of other nations you may take interest, but not from an Israelite:”  
(Old Testament, Deuteronomy 23:19-20)

Is the control of a nation money **given**?



Robert Kennedy  
(1925-1968)



John Fitzgerald Kennedy  
(1917-1963)

Gold money



XIV. Louis, Roi du soleil  
(1638-1715)

„L’Etat c’est moi”  
Money power



Gutle Schnapper  
(M. A. Rothschild felesége)  
1753-1849

„If my sons did not want wars,  
there would be none.”

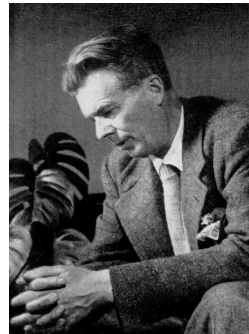
Gold standard

Greenback  
1861-1865

Modern credit money



“In a capitalist democracy, ... , never have so many been manipulated so much by so few.”  
(Brave New World Revisited, 1958)



Aldous Huxley  
(1894-1963)

## Two tier banking system

Central Bank (CB)

CBLA +100	RA+85
CBLA +15	C +15

Commercial Bank B (BB)	Commercial Bank A (BA)
RB+85	Claim +20
+85 D	CBLA +15
	RA+85
	CBLA+100
	Individual wealth +5
	RA+85
	+85 D
Non bank agent B	Non bank agent A
C +15	+85
+85 D	debt +20
	+100

## Exercise 1

Record the following activities (variations) in the balance sheets!

1/ Agent (A) takes a 100\$ loan from commercial bank (A). We know that the obligatory reserve rate is 2% and bank (A) has no free reserves.

2/ Agent (A) transfers 100\$ to agent (B), who has its accounts at commercial bank (B).

3/ Next day agent (B) withdraws 15\$ from her account (thus to that time commercial bank A has already settled its debt).

4/ Agent (B) purchases from agent (A) for 85\$ (pays with transfer). Agent (A) uses all her money to meet her debts included due interest (interest rate is 5%).

5/ Is it possible to reimburse the remaining 20\$ loan?

## Exercise 2: Modern credit money system

Consider a two tier banking system with only digital currency (no cash). Government deficit is 100\$ financed by treasury bonds; 80% issued to households and (20%) to commercial banks. The reserve ratio is 8% and can never drop below this level without causing the banking system's disfunctioning.

Register the events (**variations: + increase; - decrease**) (item name and amount) in accounts!

1. Emission of treasury bonds (*help*: similar to bank transfers)
2. Treasury spends
3. Commercial banks reimburse their debts