



New Economy Ecosystem by Blockchain and Holacracy

정유표 (Maru)

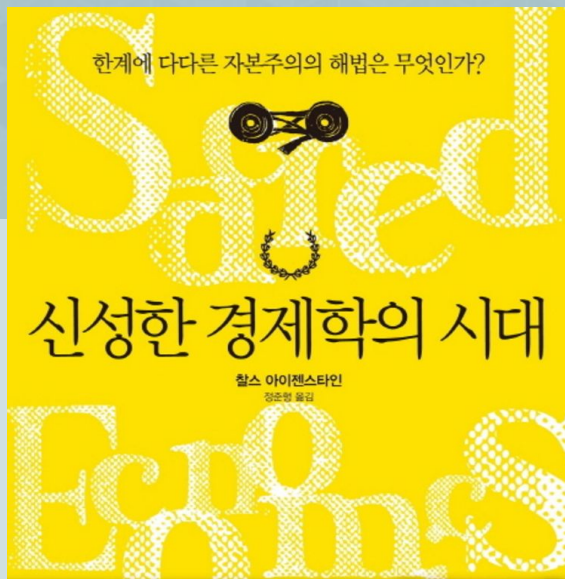
Chief Ethics Officer, epitomeCL

maru@epitomecl.com

2018.07.12 (v1.0)

scene #1

Gift Economy



자본, 경제, 사회, 문명 등을 망라한
천재 통합사상가. 세계 지성계가
주목하는 찰스 아이젠스타인의 역작!
머리에서 가슴으로, 축적에서 순환으로, 통합의 경제학이 온다!

[한영사]



과거 원시 공동체 사회의
선물 경제(gift economy)를 통찰

찰스 아이젠스타인

Hub & Spoke





“ Thank you for sharing food with me. ”

A close-up photograph of a person's open palm, held flat. A single, dark, oval-shaped coin or token rests in the center of the palm. The person's wrist is visible at the top, wearing a red string bracelet and a white watch band. The background is a soft, out-of-focus grey and white.

How about the
Modern Economy?



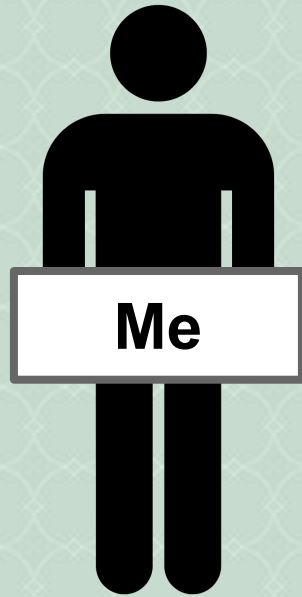
**It's my
OWN
MONEY!**



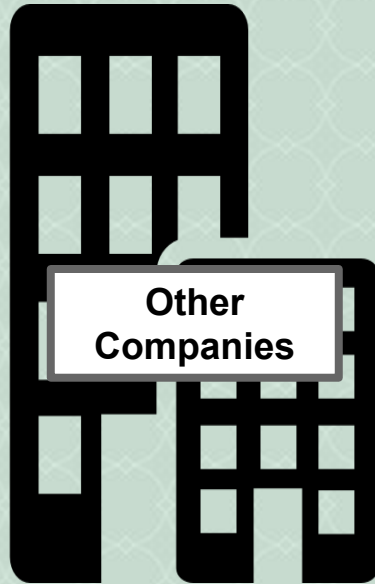
scene #2

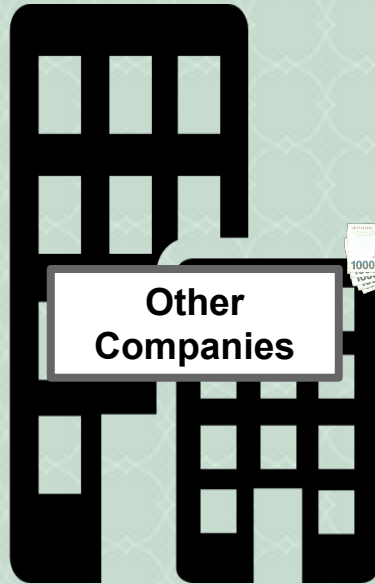
Where does my money come from?





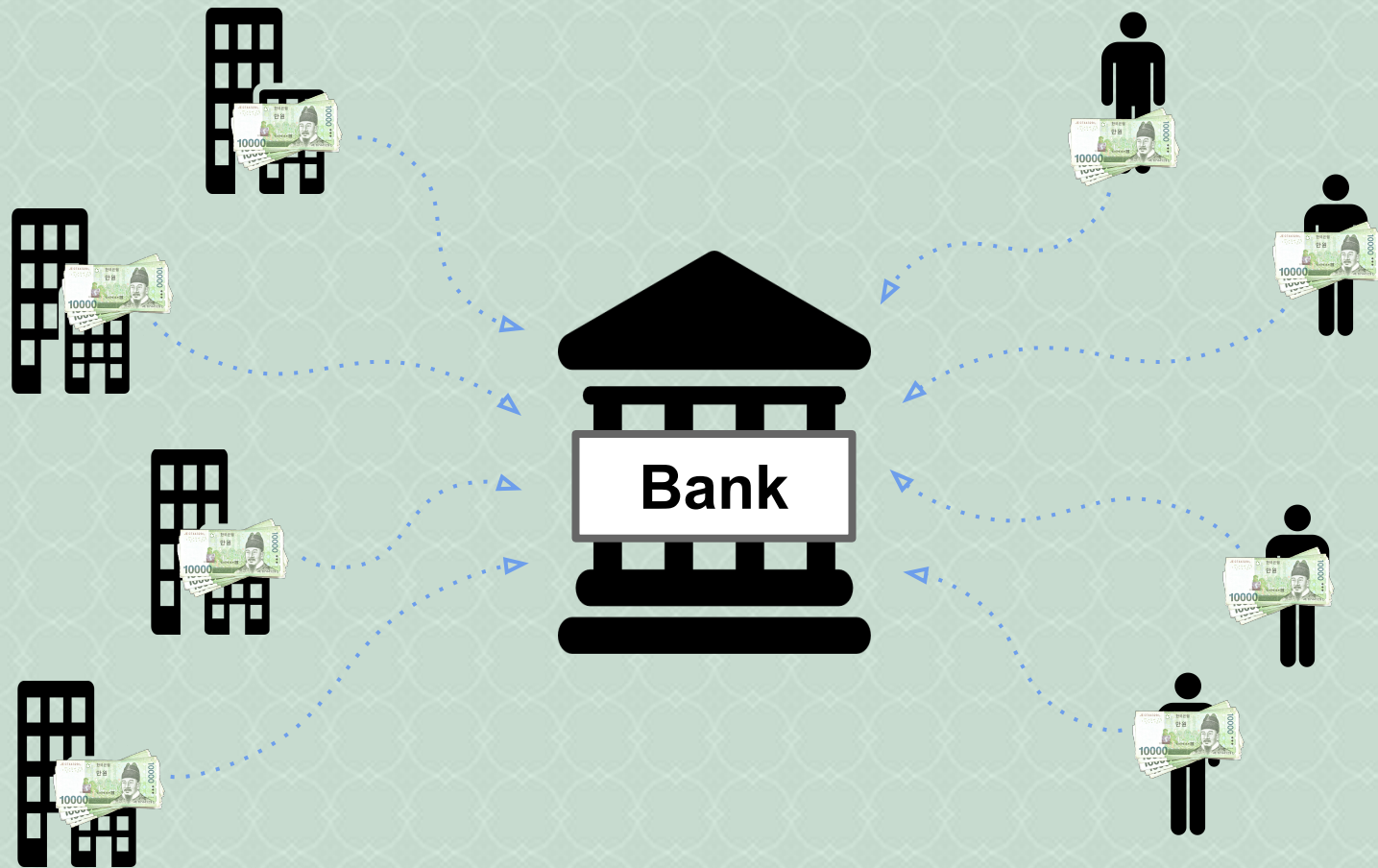


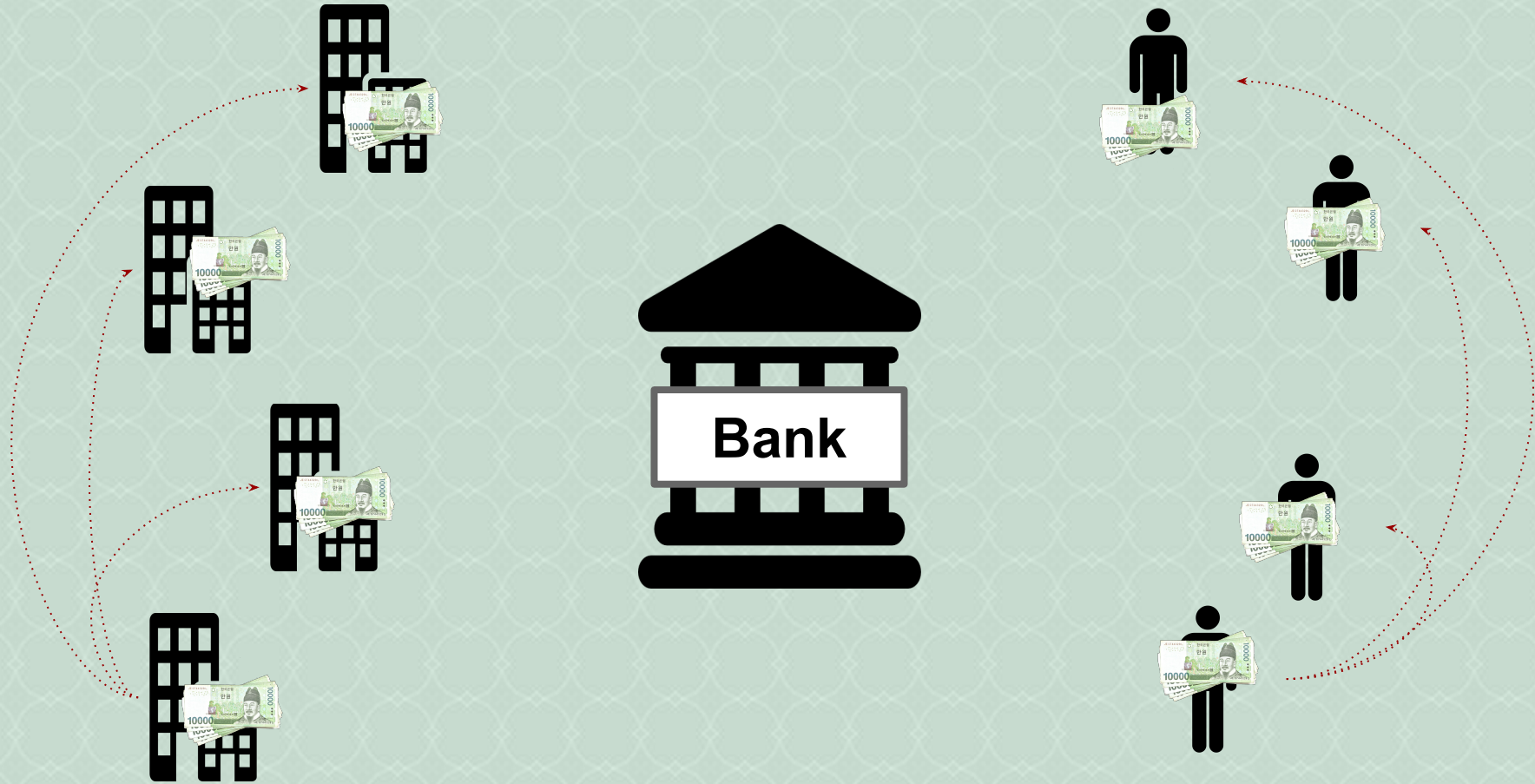


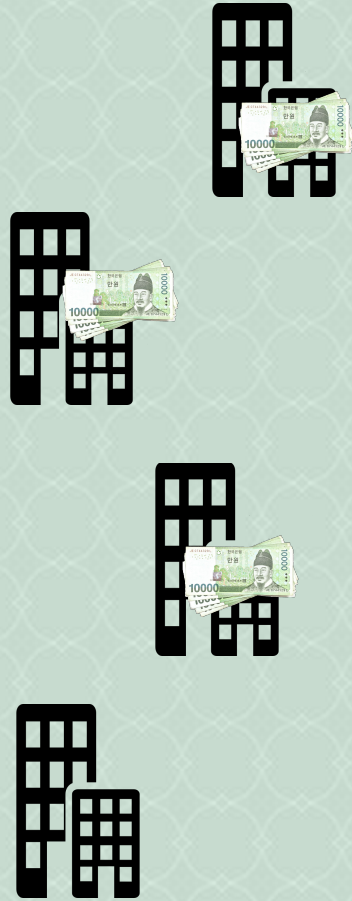


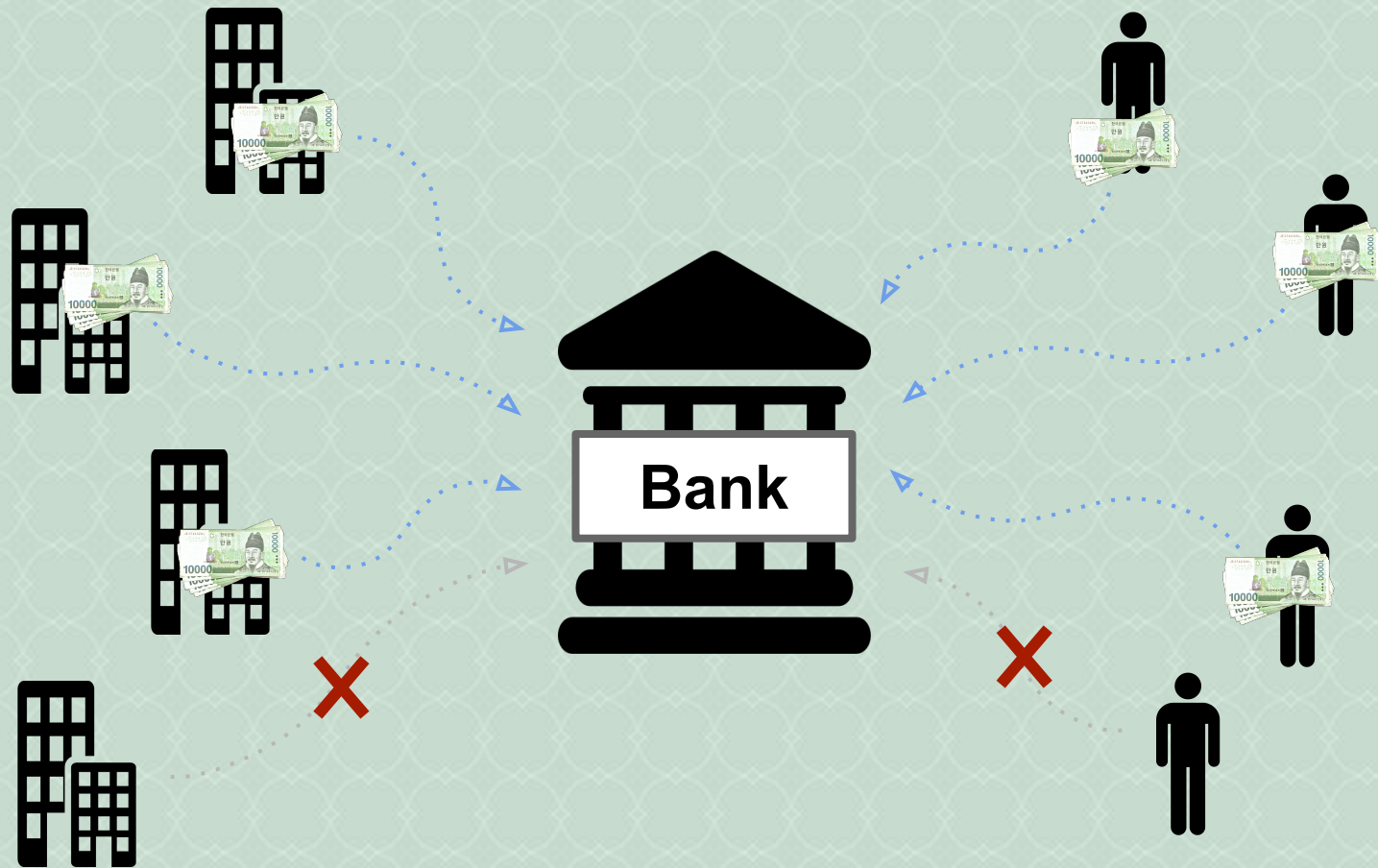
interest









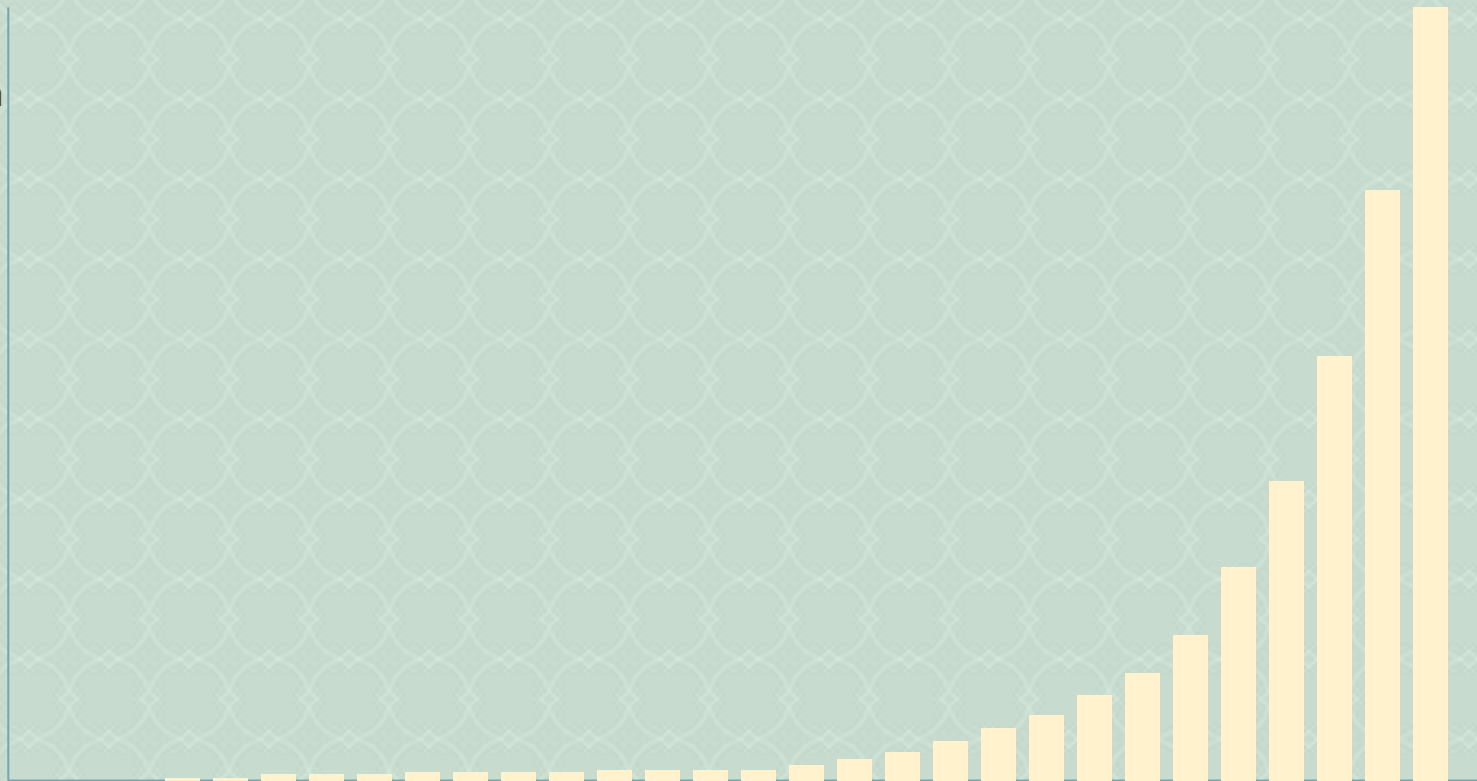




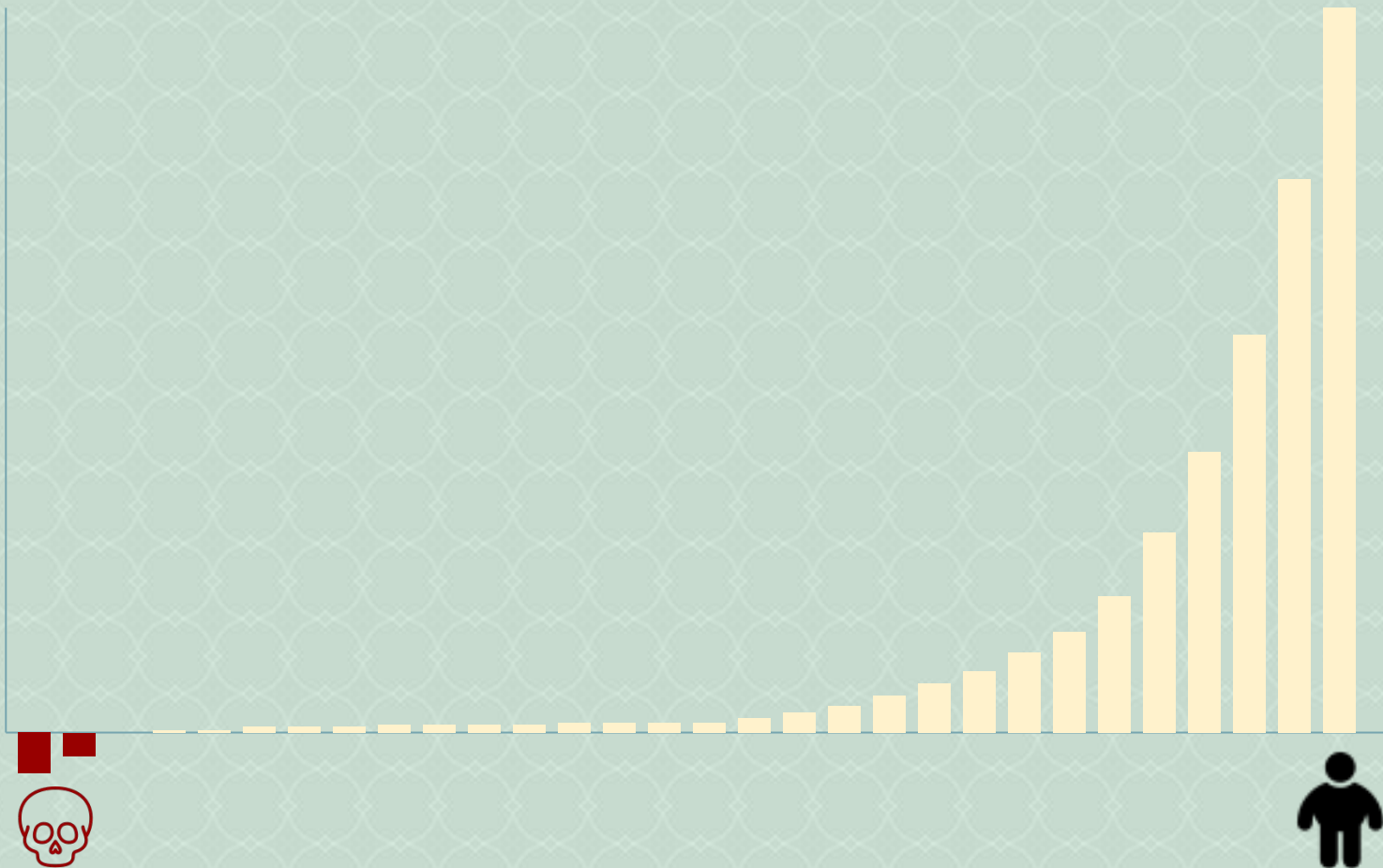

wealth

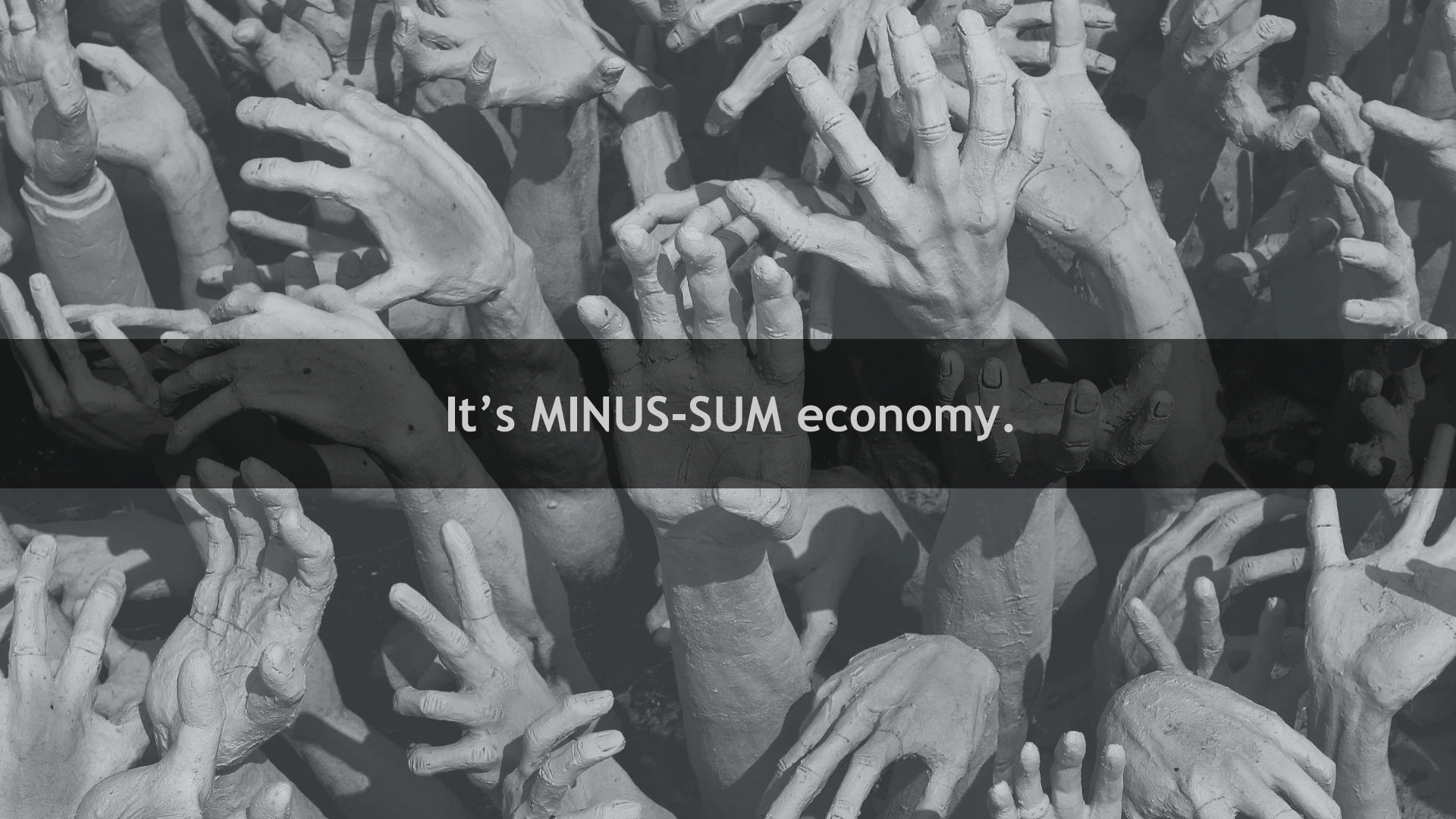

The poor


The rich




wealth



A black and white photograph showing a dense crowd of hands reaching upwards, creating a sense of collective struggle or desperation. The hands are of various sizes and are tightly packed together, filling the entire frame. A semi-transparent dark horizontal band across the middle of the image contains the text.

It's MINUS-SUM economy.

scene #3

Who creates **MONEY?**



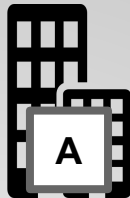
₩10,000

A handwritten-style "₩" symbol followed by the text "10,000" in red.

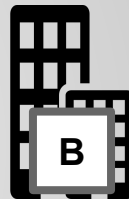




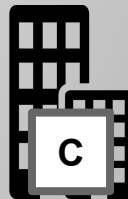
~~¥~~10,000



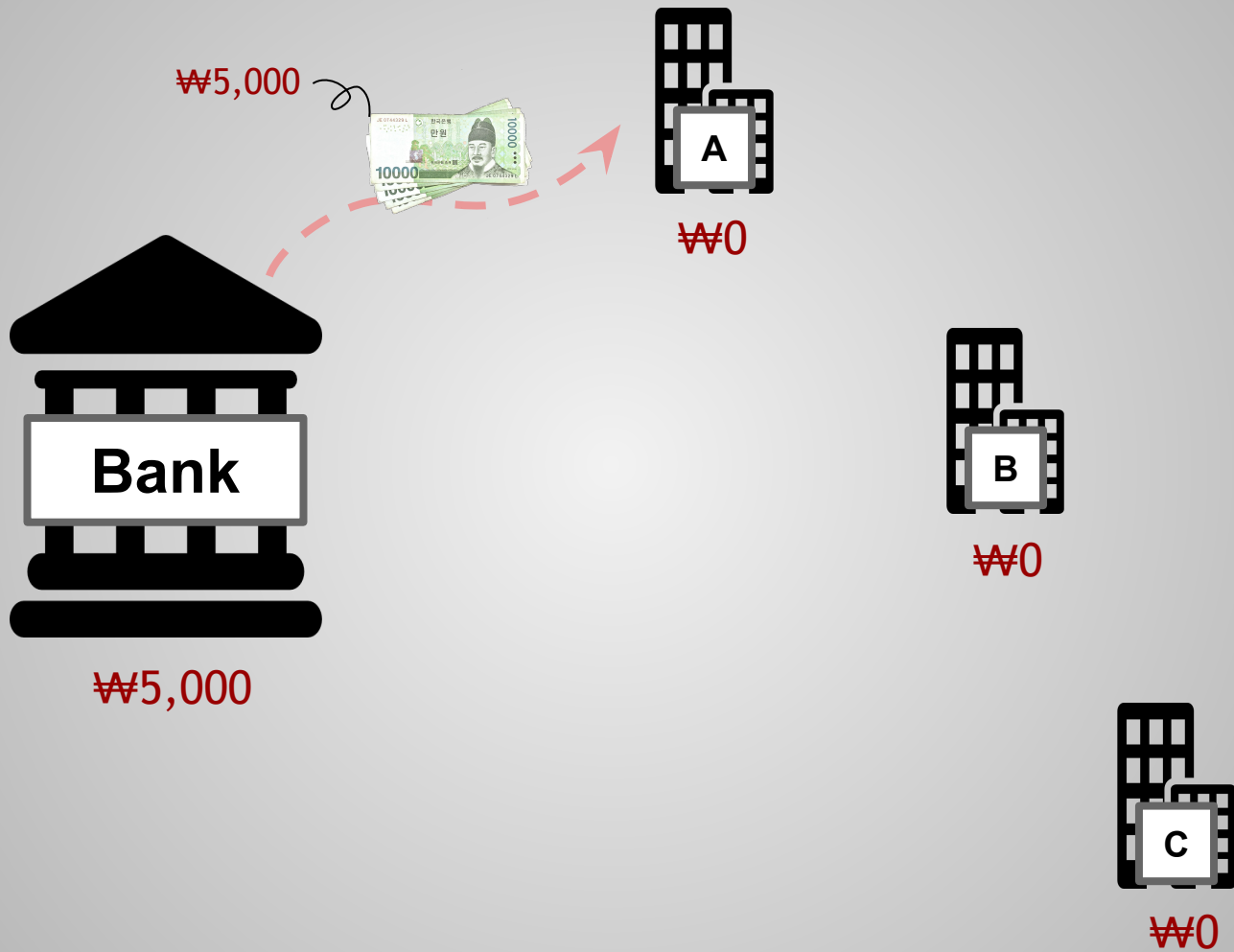
~~¥~~0

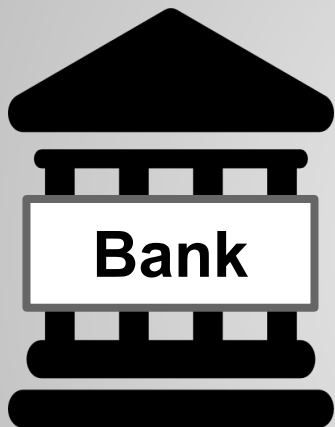


~~¥~~0

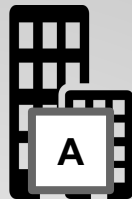


~~¥~~0

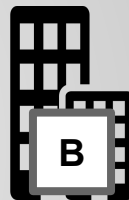




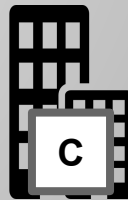
~~¥~~5,000



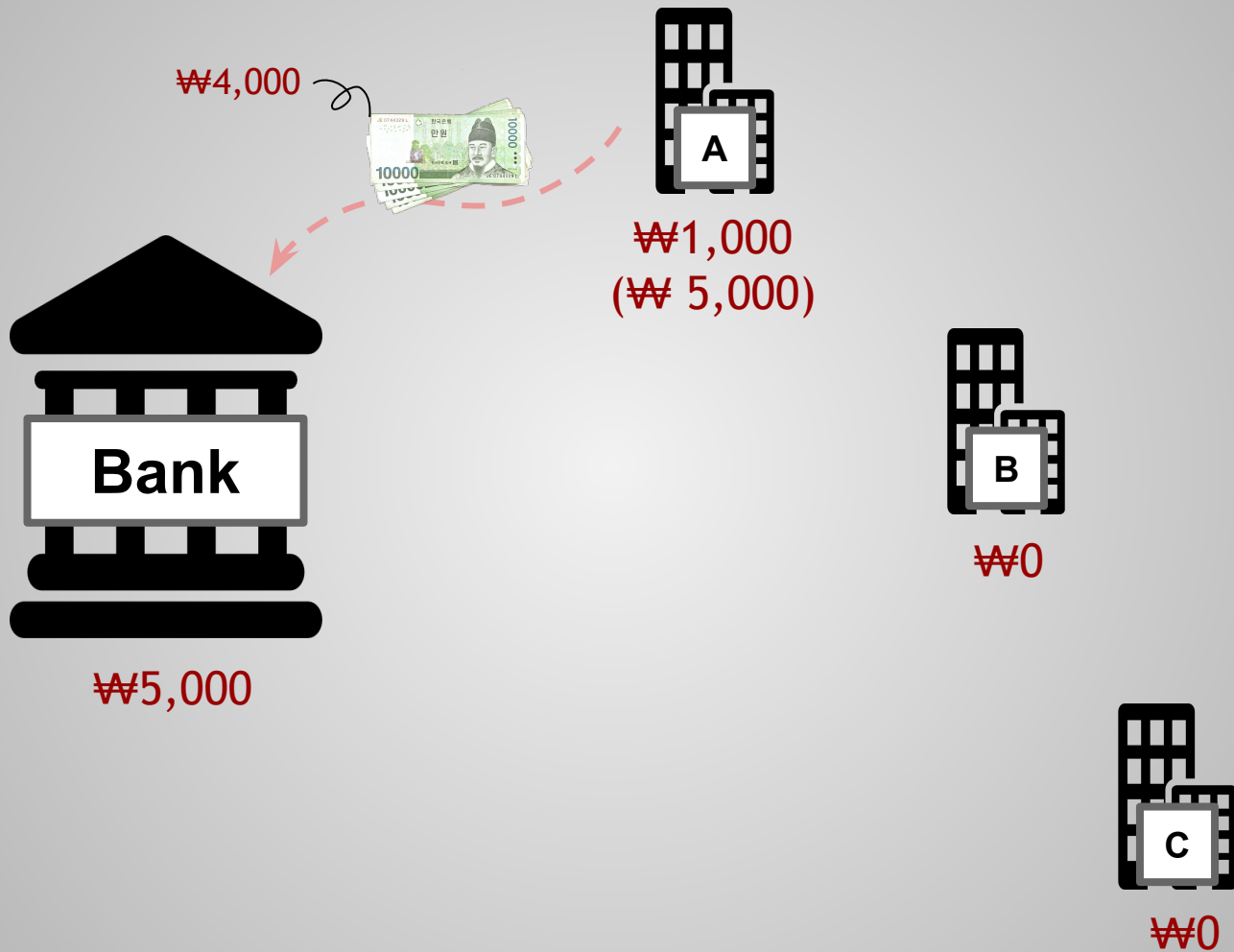
~~¥~~5,000



~~¥~~0



~~¥~~0

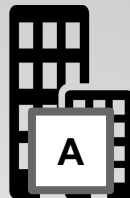




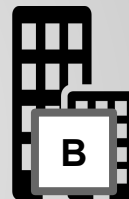
~~¥~~5,000



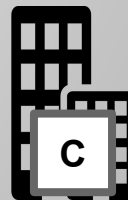
~~¥~~4,000



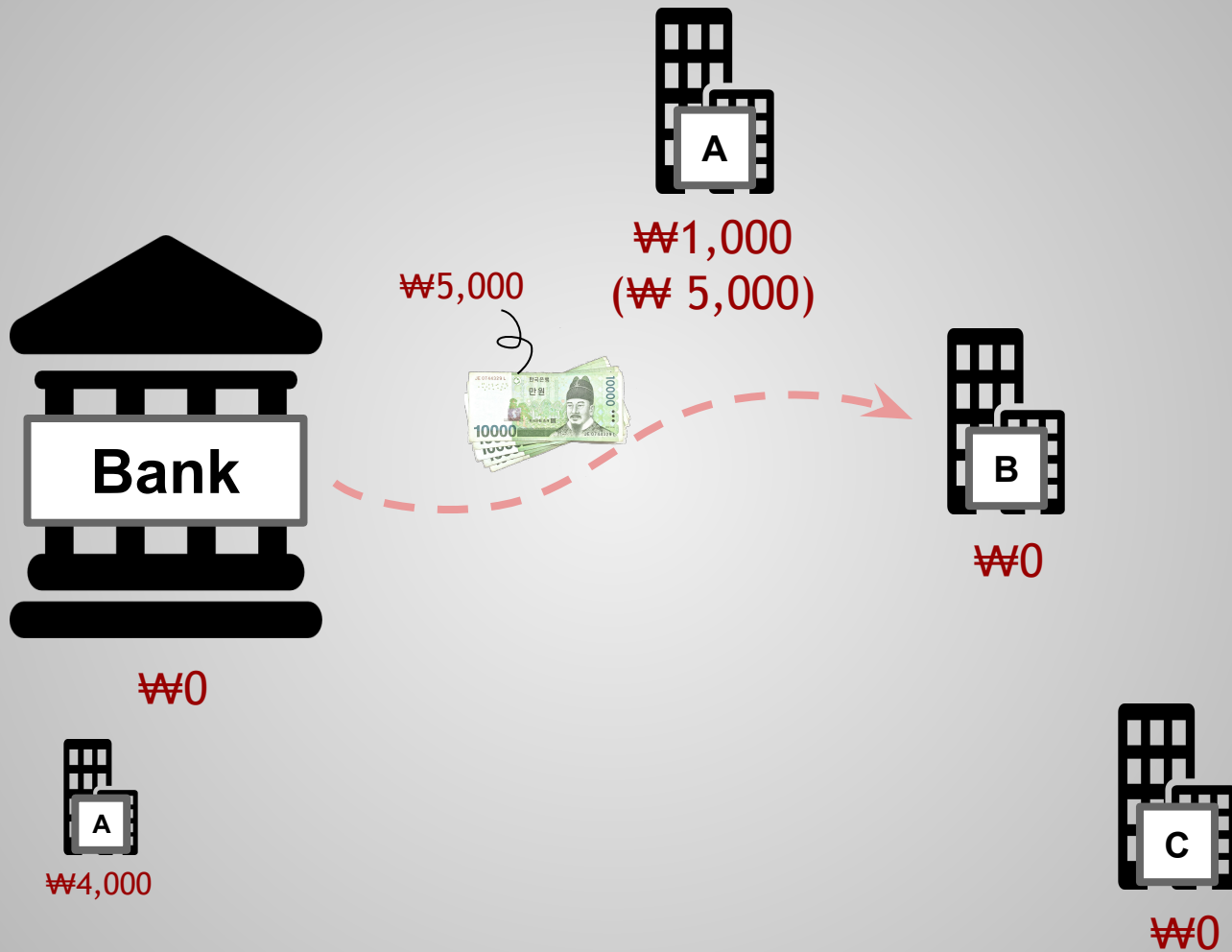
~~¥~~1,000
(~~¥~~ 5,000)

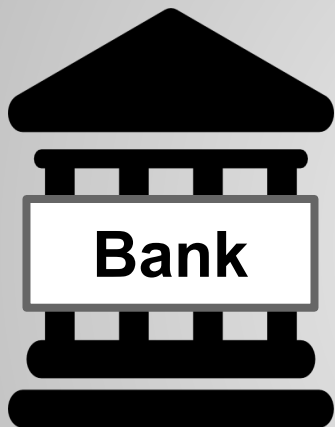


~~¥~~0



~~¥~~0

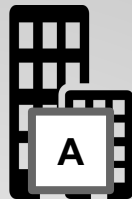




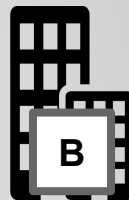
~~¥~~0



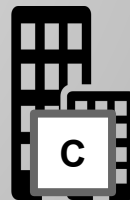
~~¥~~4,000



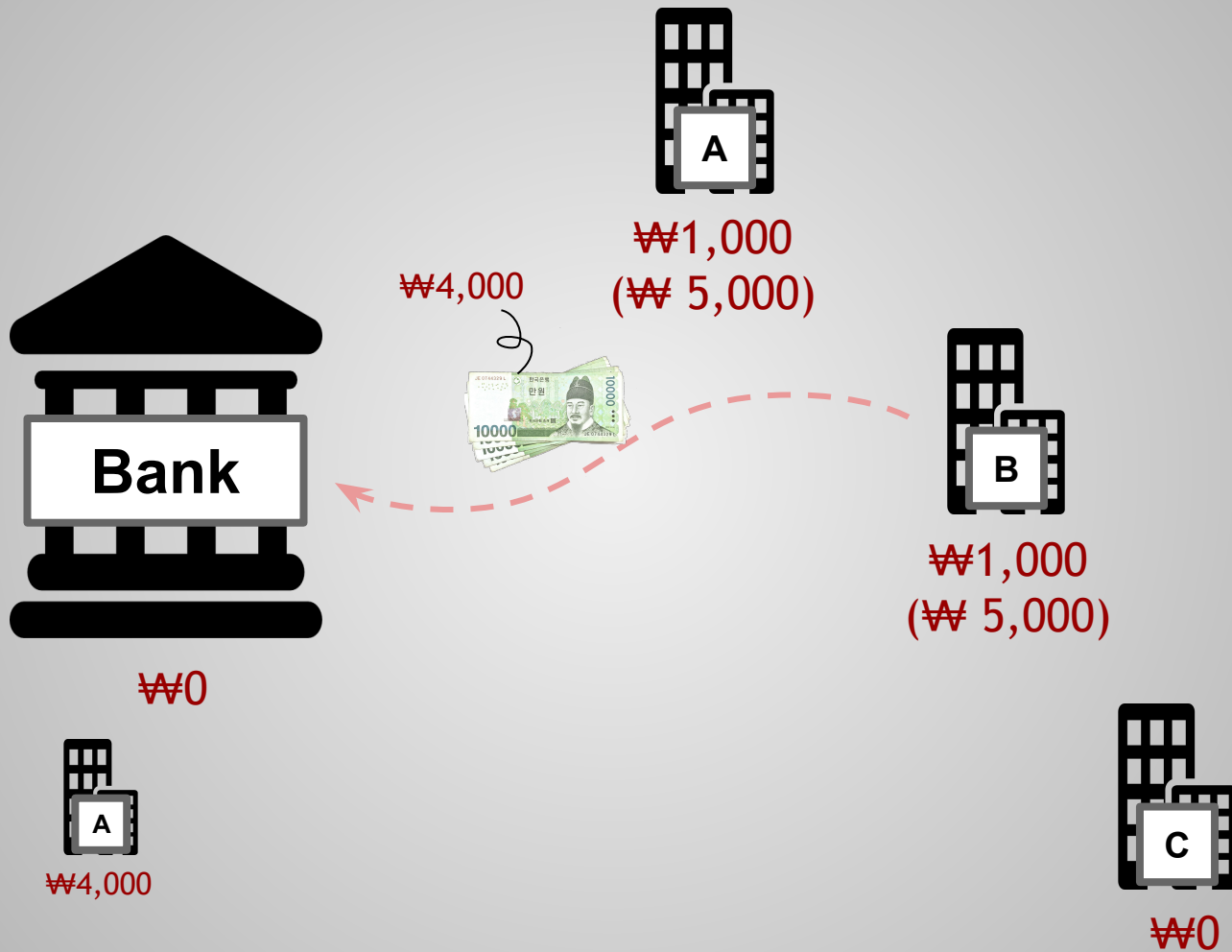
~~¥~~1,000
(~~¥~~ 5,000)



~~¥~~5,000

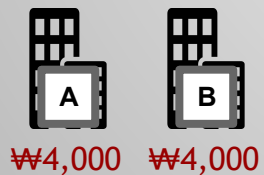


~~¥~~0



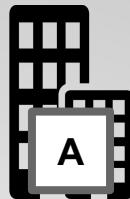


~~¥0~~

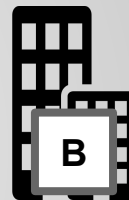


~~¥4,000~~

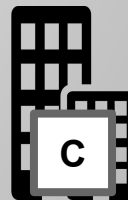
~~¥4,000~~



~~¥1,000~~
(~~¥ 5,000~~)



~~¥1,000~~
(~~¥ 5,000~~)



~~¥0~~

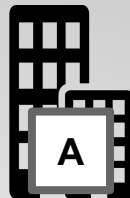
Is it possible?



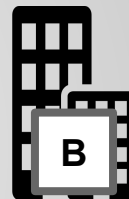
- ₩5,000



₩4,000 ₩4,000



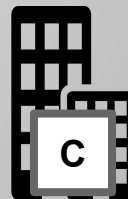
₩1,000
(₩ 5,000)



₩1,000
(₩ 5,000)



₩5,000



₩0



Of course!!

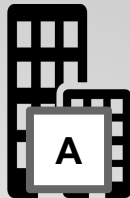
Total amount is ~~₩~~8,000



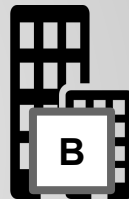
~~₩~~4,000



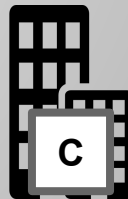
~~₩~~4,000



~~₩~~1,000
(~~₩~~ 5,000)



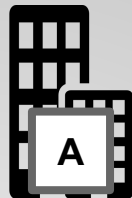
~~₩~~1,000
(~~₩~~ 5,000)



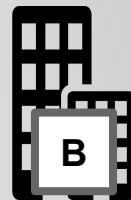
~~₩~~0



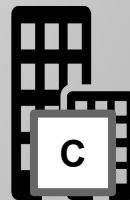
₩3,000



~~₩1,000~~
(~~₩ 5,000~~)



~~₩1,000~~
(~~₩ 5,000~~)



~~₩0~~

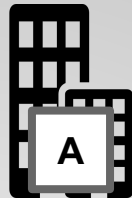


₩5,000

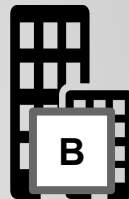




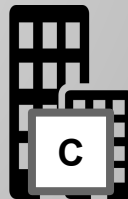
₩3,000



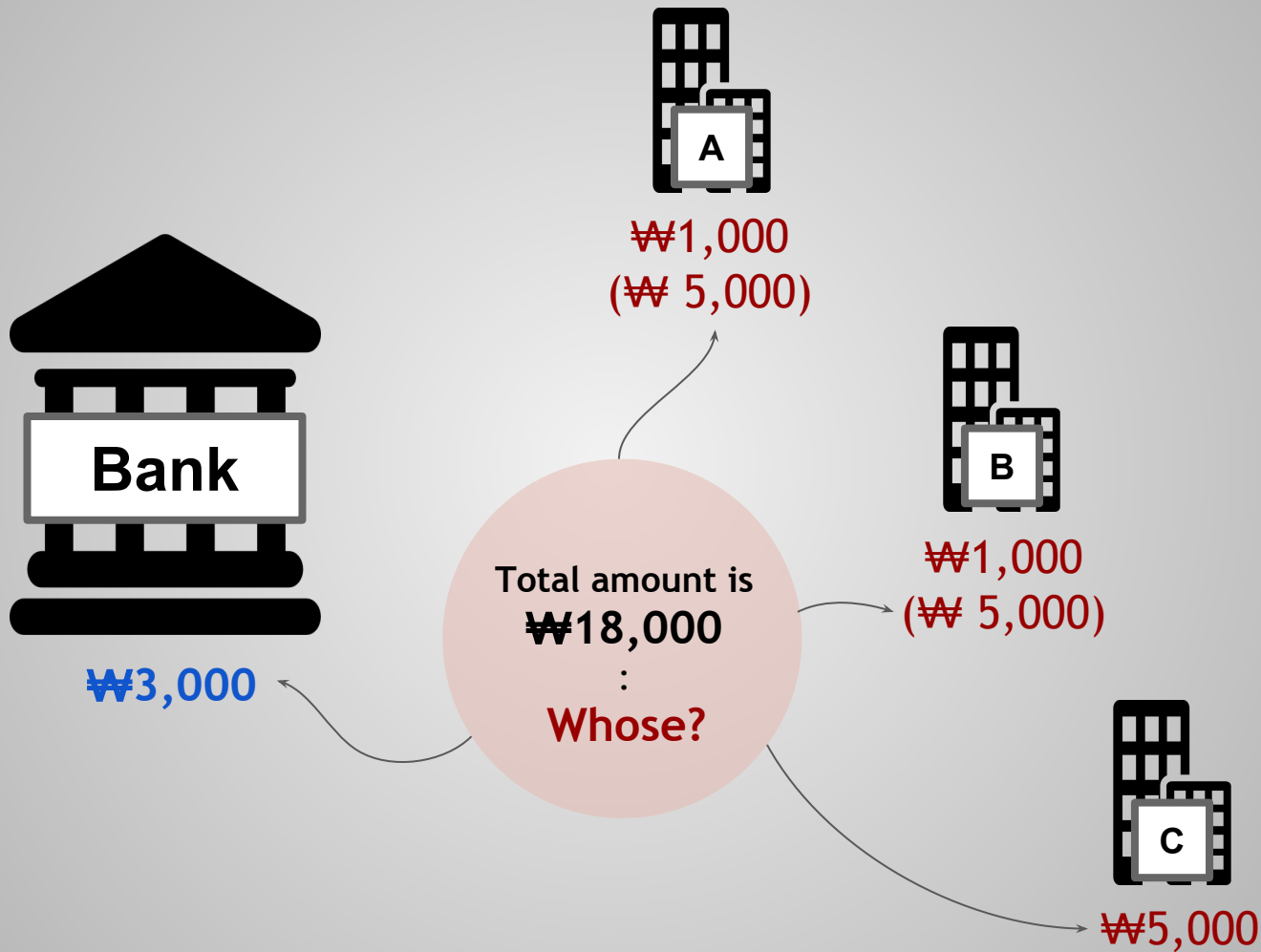
~~₩1,000~~
(~~₩ 5,000~~)



~~₩1,000~~
(~~₩ 5,000~~)



~~₩5,000~~





scene #4

Credit money
unsustainable...

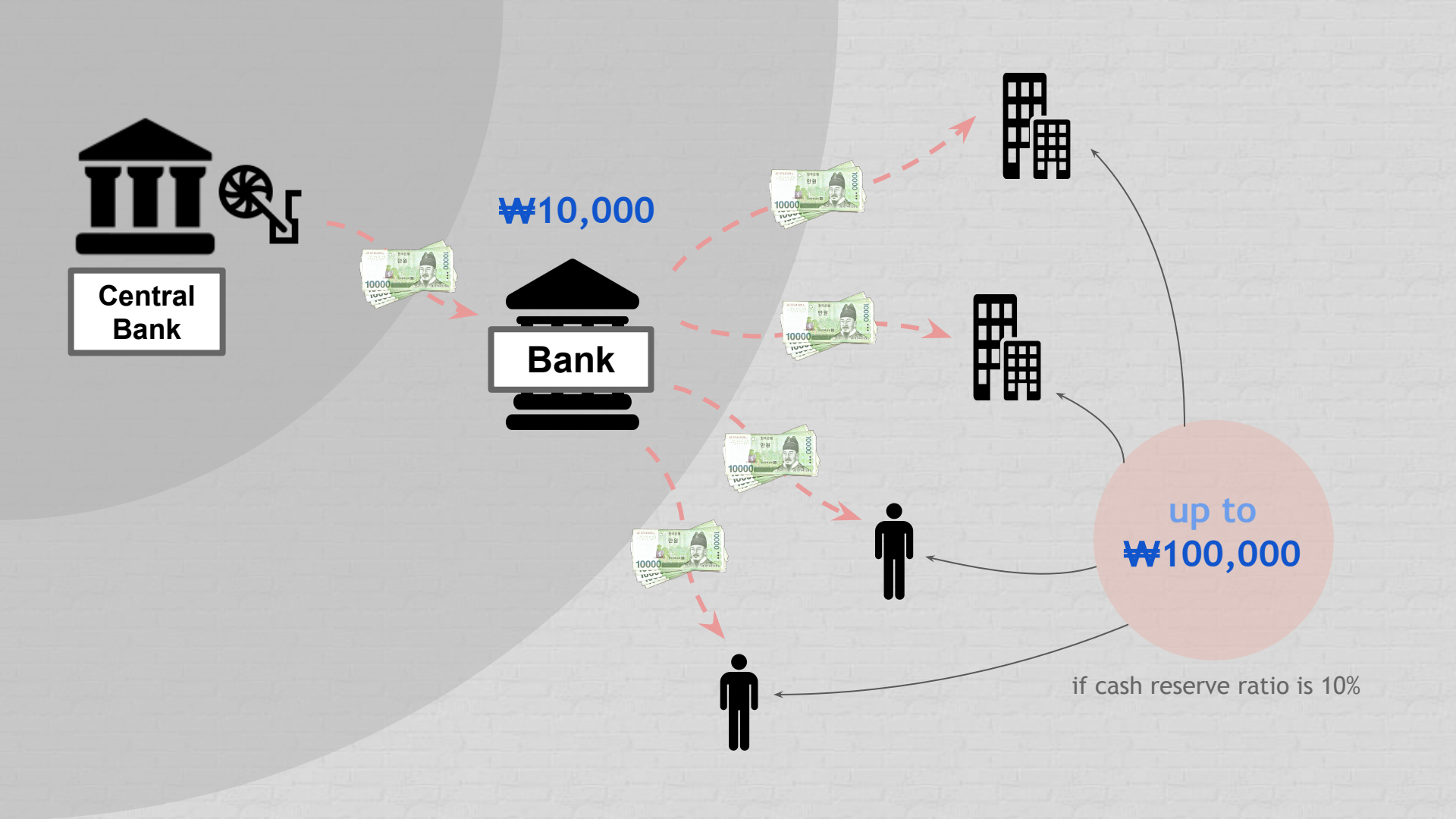


₩10,000



up to
₩100,000

if cash reserve ratio is 10%





interest rates
&
cash reserve ratio



Control of Money supply
through interest rates and a cash reserve ratio

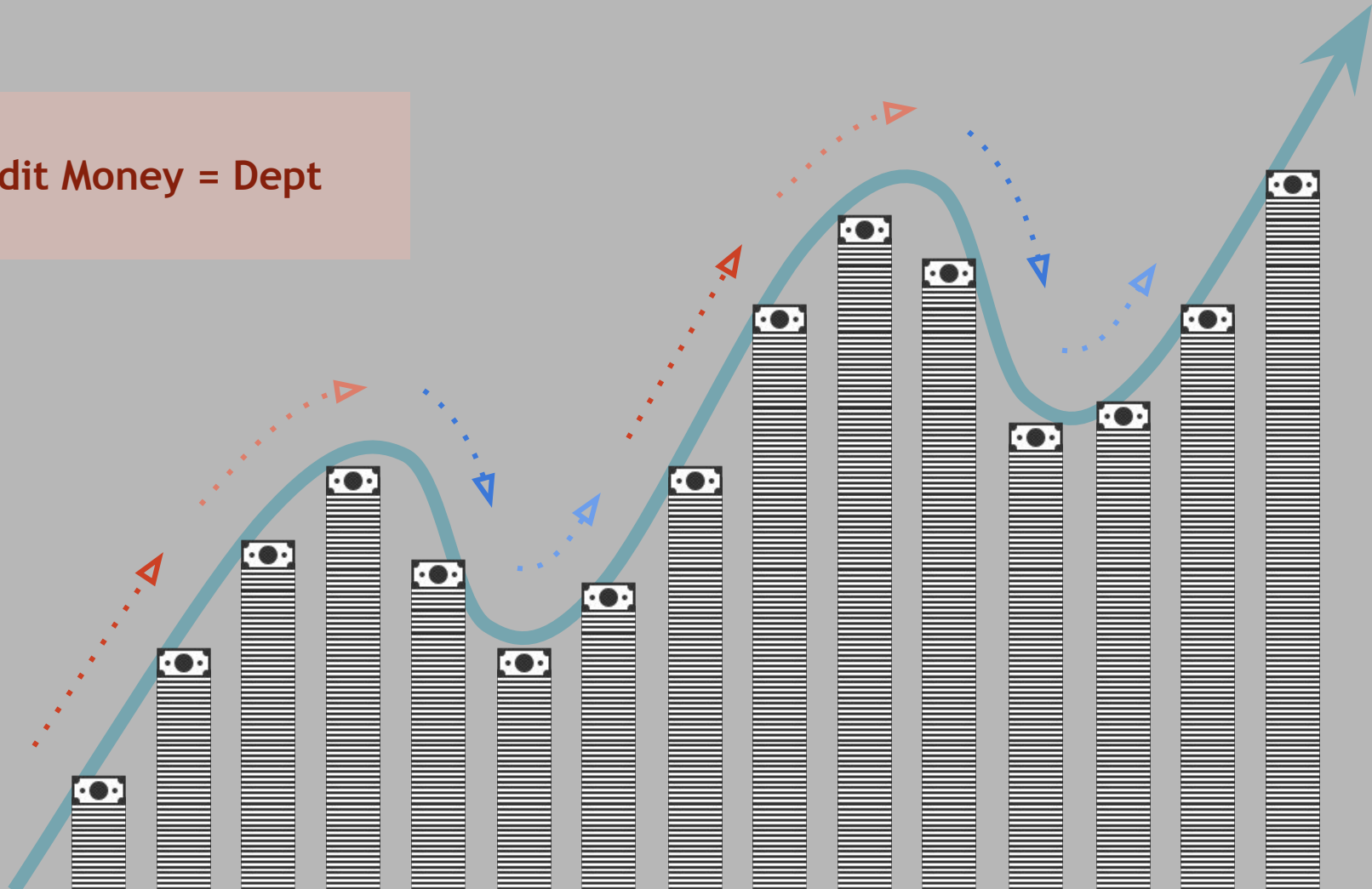
Economic cycle be based on
expansion and contraction of finance



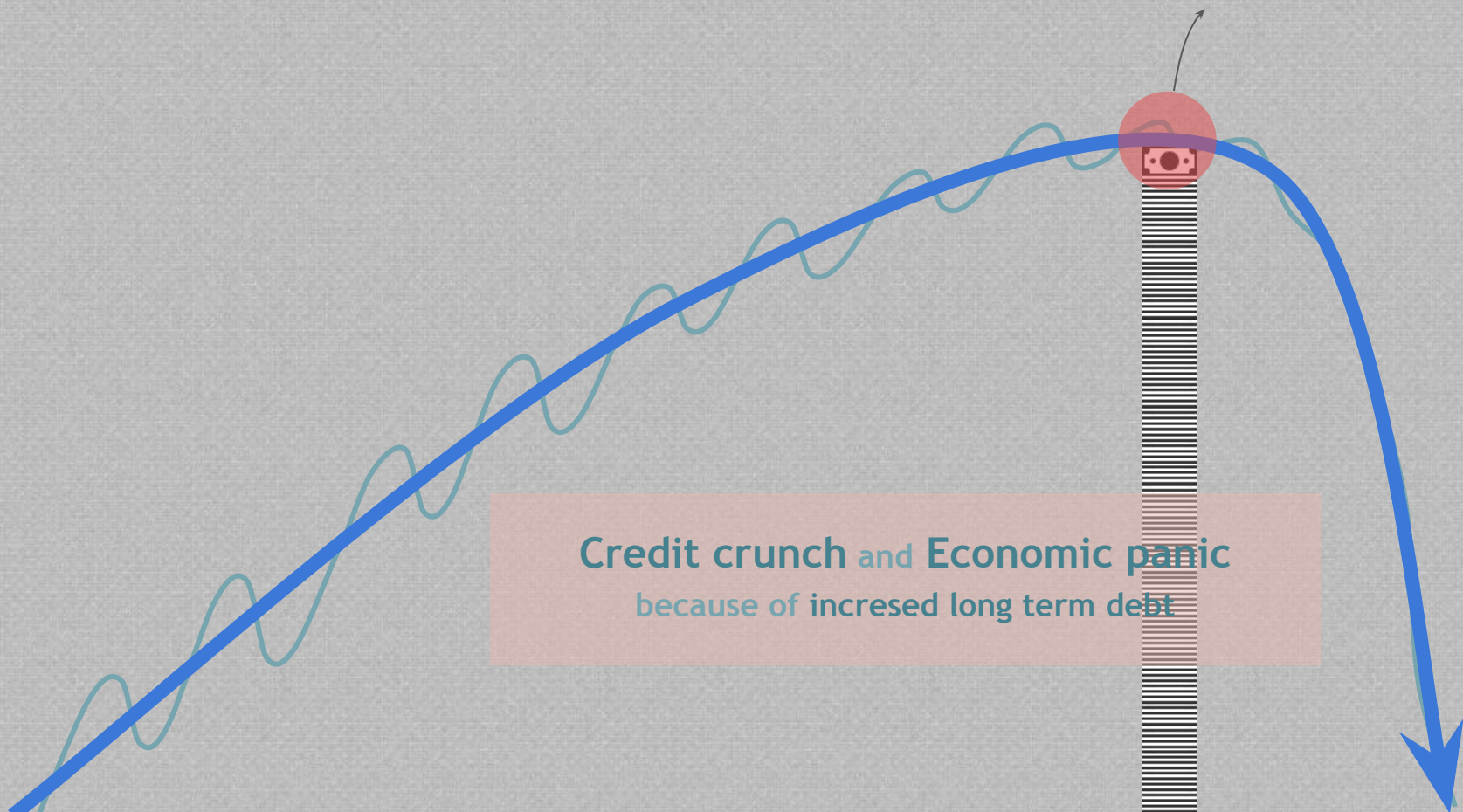


Counterattack of the long term debt.

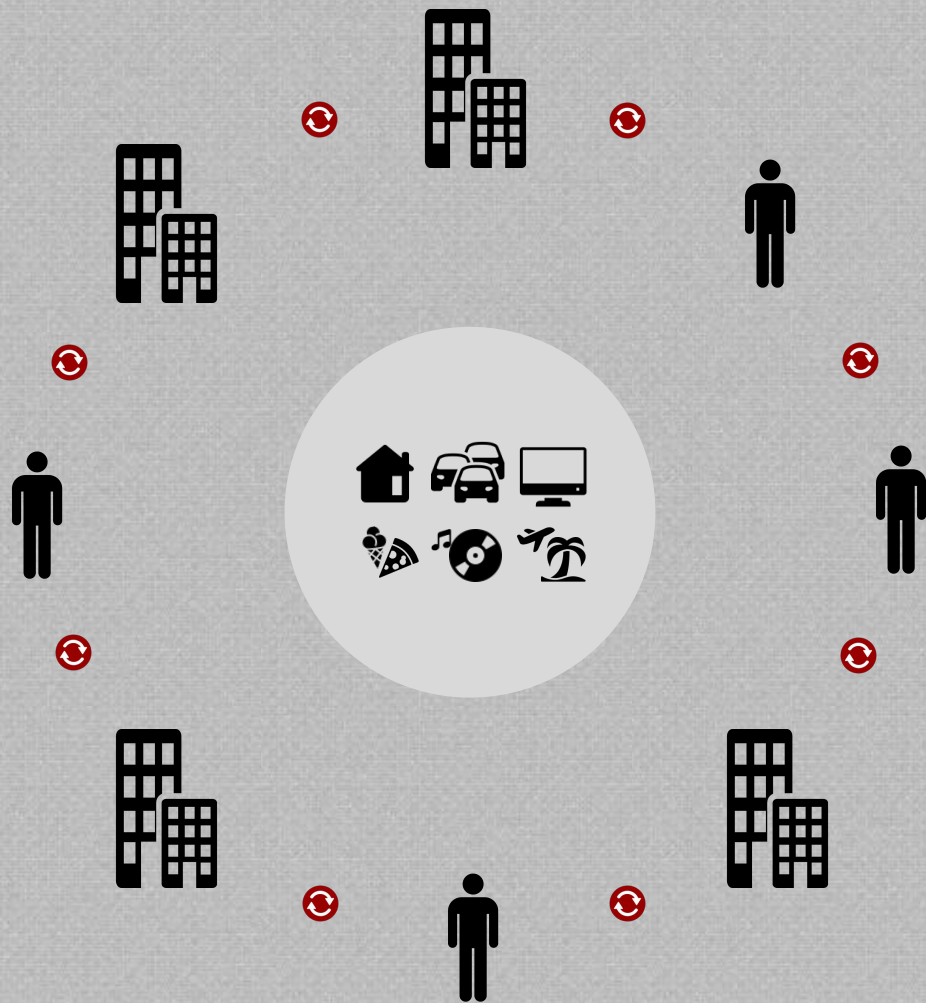
Credit Money = Debt

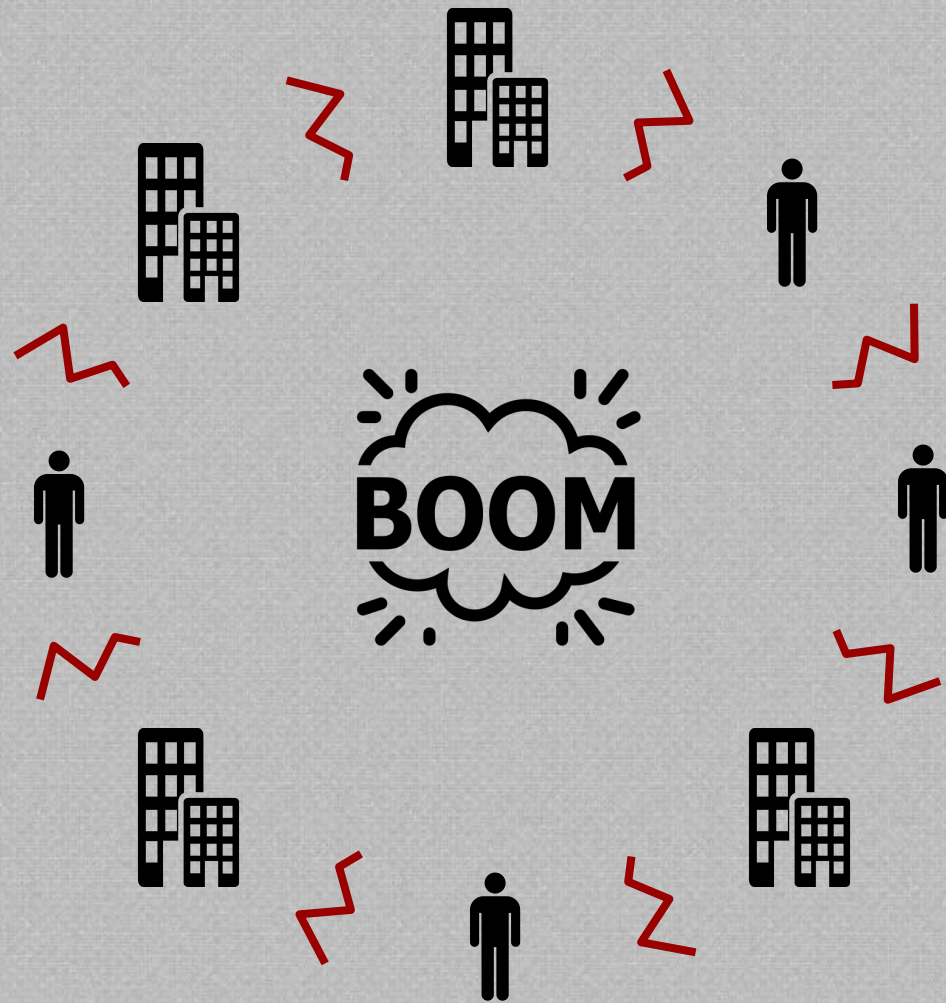


Long term debt peak



Credit crunch and Economic panic
because of increased long term debt

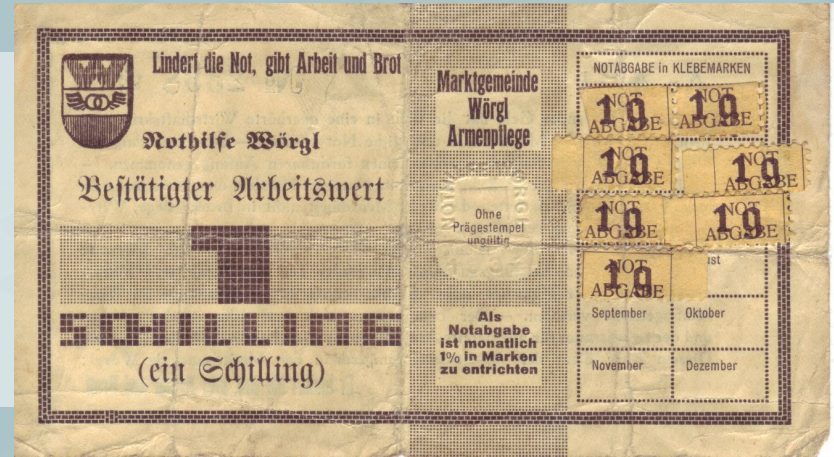




bankrupt.
deflation or hyper-inflation.
great depression.
protection trade.
hate crime.
public uprising.
totalitarianism.
war.

scene #5

demurrage-charged
local currency

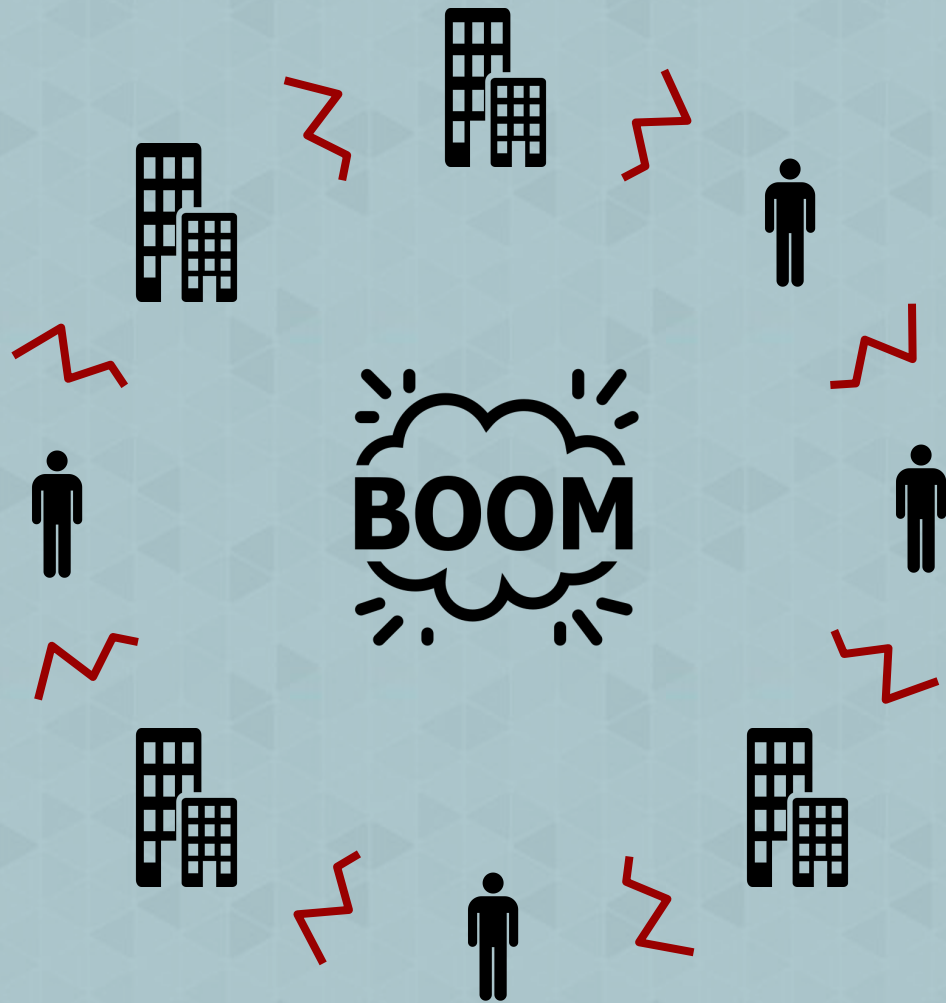




demurrage-chared
local currency

the Great Depression
in the U.S.
of 1929



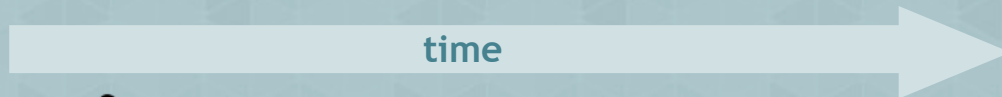
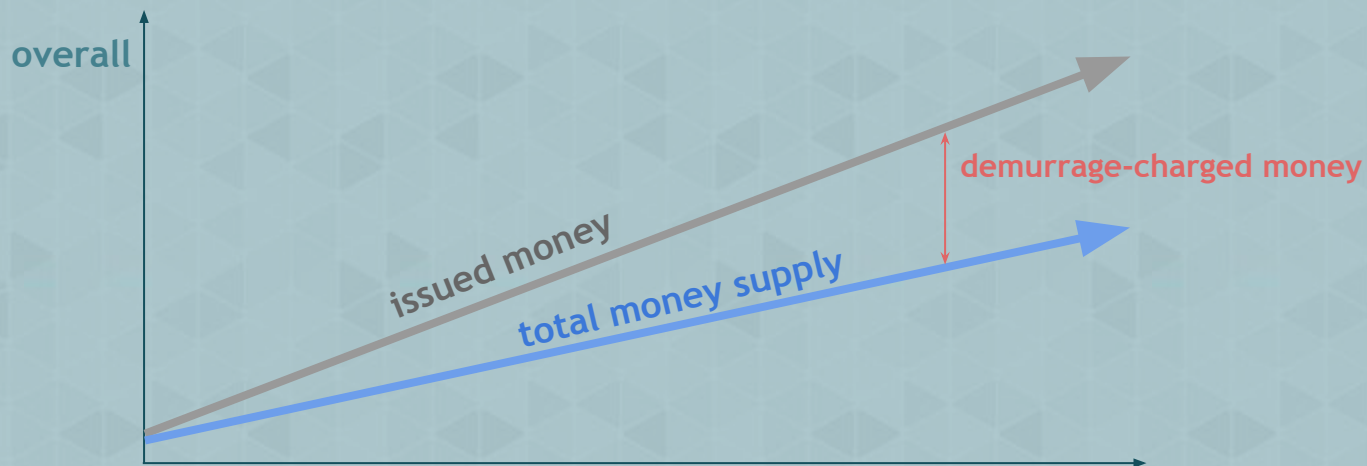




Wära used in Germany

Wörgl used in Austria

WIR Bank in Switzerland





The image is a vertical split. The left half is a dark, deep space background filled with numerous small, distant stars and some faint, wispy nebulae. The right half features a vibrant, colorful wormhole or gravitational well. This tunnel-like structure is composed of swirling, ethereal clouds in shades of purple, blue, and pink, with bright, golden-yellow light emanating from the center, creating a strong sense of depth and perspective.

ECONOMIC EVOLUTION

자본주의 화폐의 한계

승자독식 / 부익부빈익빈

불투명한 중앙화된 발권

신용 경색에 의한 불황

이기적인 분열의 경제

역이자-지역 화폐의 한계

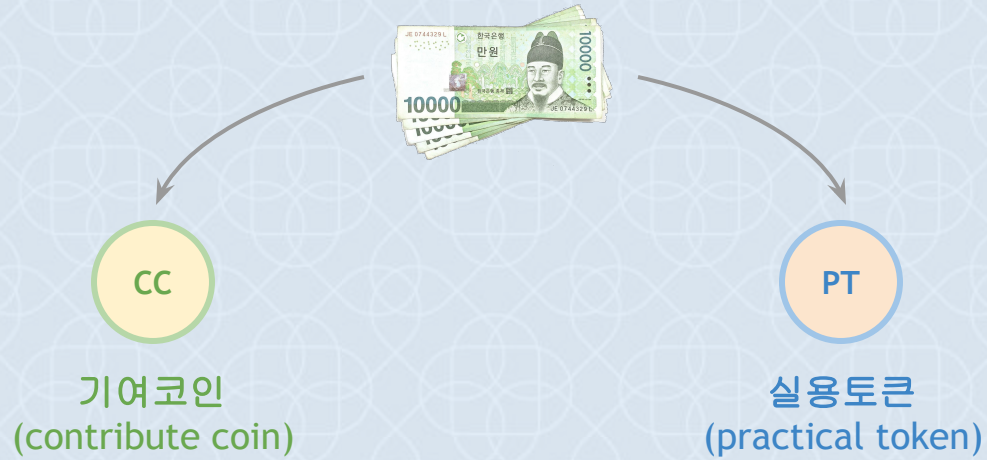
경제 권역 파편화

발권 절차의 불투명성

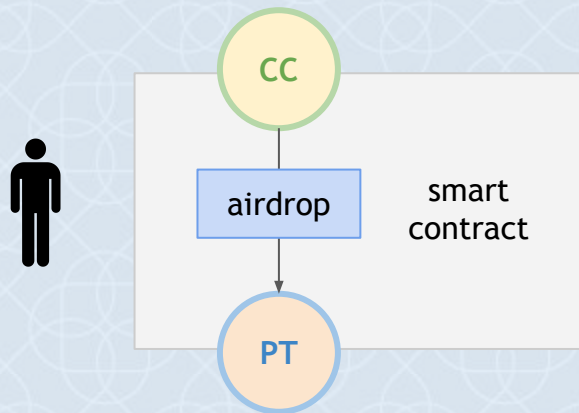
디머리징 행정 비용

소멸에 대한 심리적 불쾌감

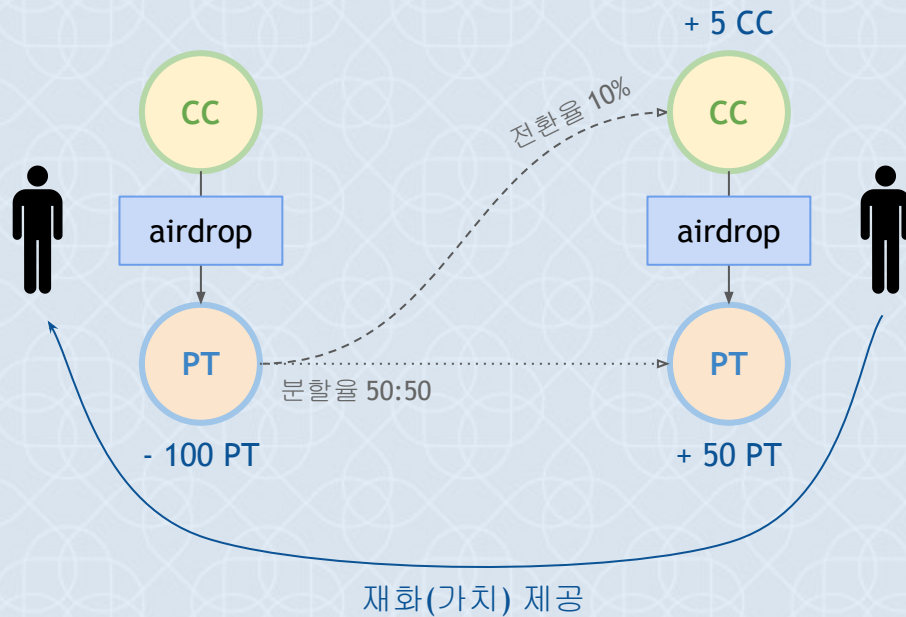
돈의 명예 속성과 실용 속성을 분리



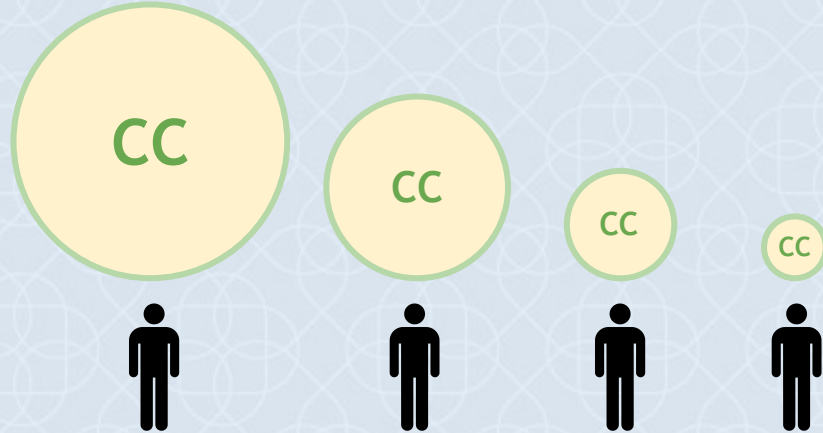
계정의 CC 보유량에 따라 PT airdrop
(smart contract)



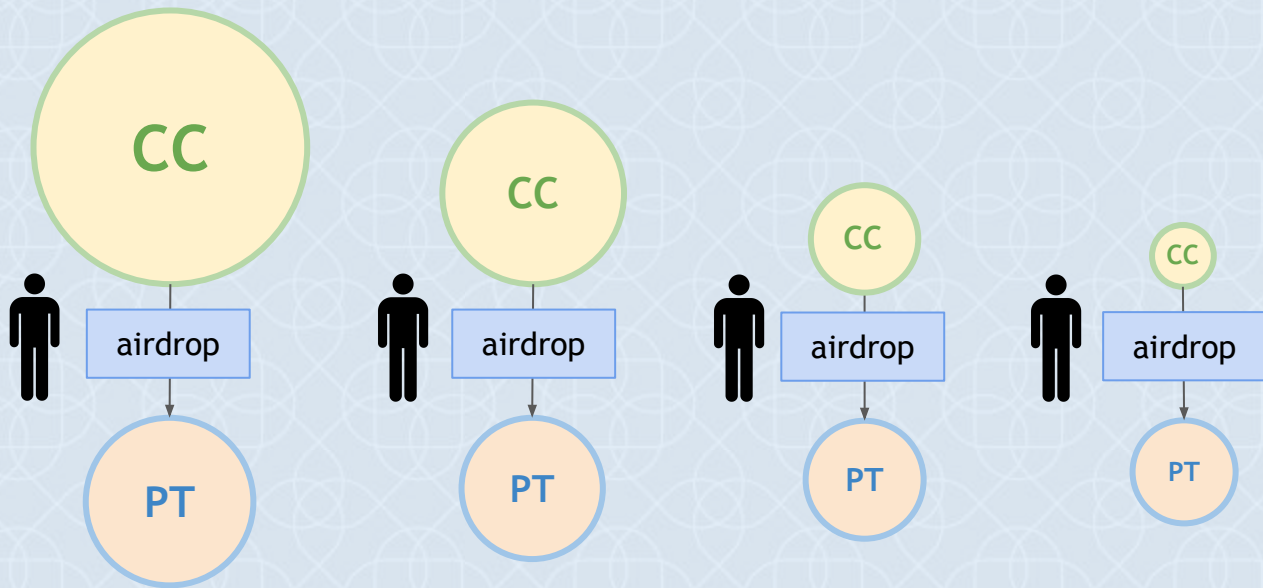
재화 거래는 **PT** 를 사용하되,
일정량을 **CC** 와 **PT** 로 분할하여 적립
(매 거래시 일정 **PT** 량이 소각)



CC 는 사회적 기여의 지표로
존경과 감사의 인덱스 & 명예 추구에 의한 경제적 동기 발현

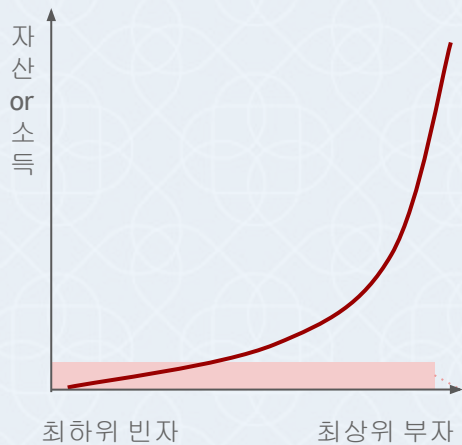


CC 와 PT 간 airdrop 비율 조절을 통해
재화 거래에서의 부익부빈익빈 구조 완화



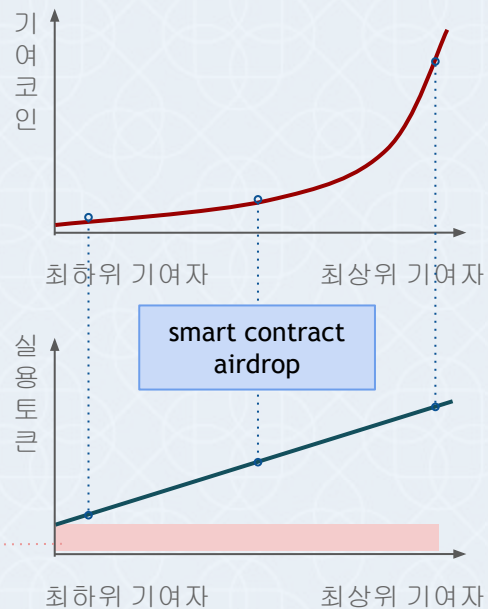
기존 화폐 시스템과의 비교

< 기존 화폐 시스템 >

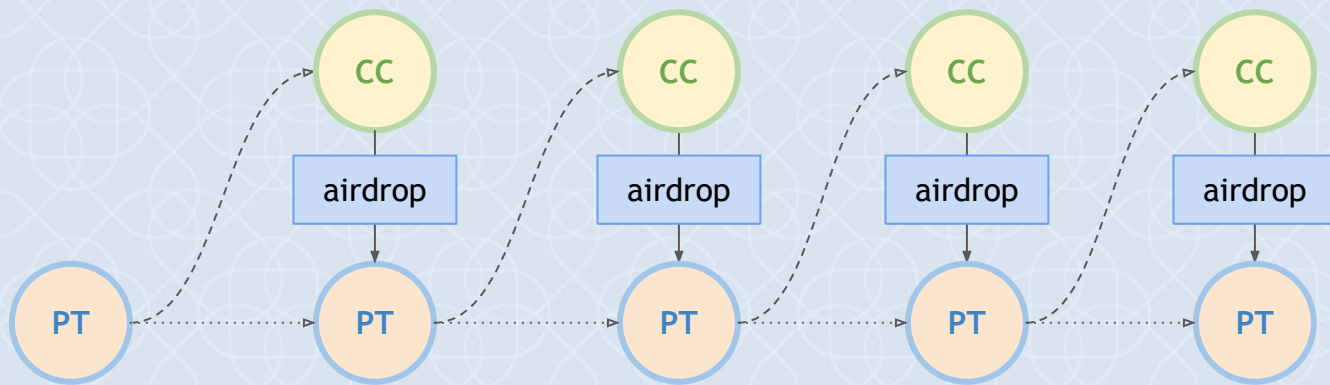


생계 존엄성이
보장되는 최저선

< 새 화폐 시스템 >



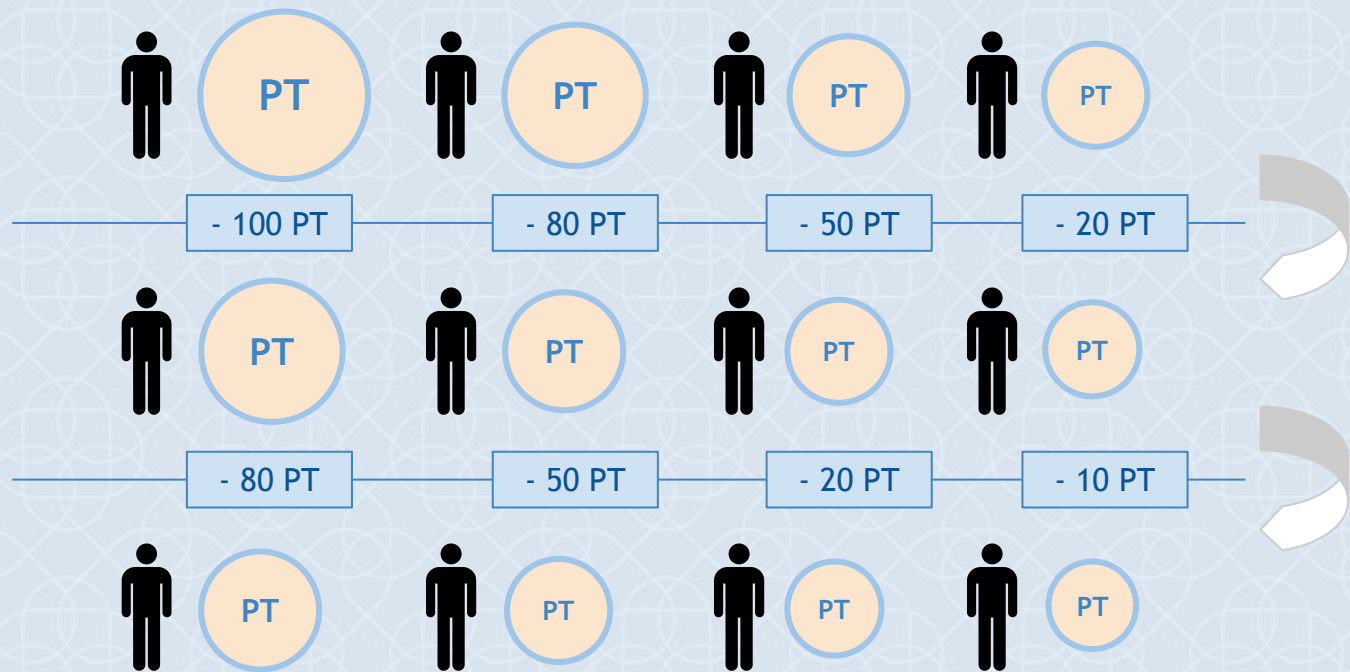
지대, 자본, 노동의 생산 원천이
CC 기반 **PT** 소득으로 변화
(지대 수익은 분산화된 공유 자원으로 할당)



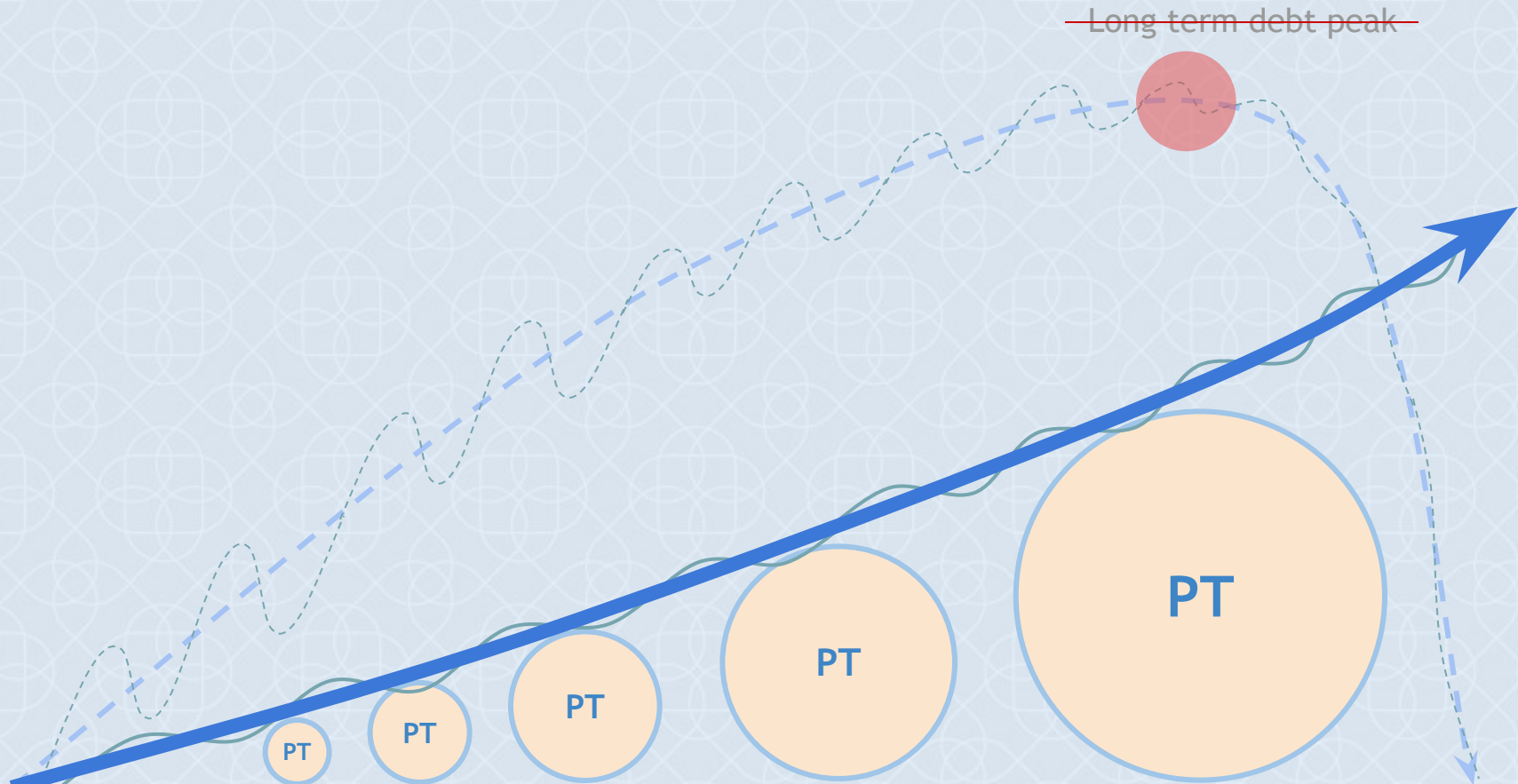
생태계 재화 거래량에 기초한 **PT airdrop** 총량 조정으로
PT 명목 가치의 보존 & 경기 사이클 변동성 완화



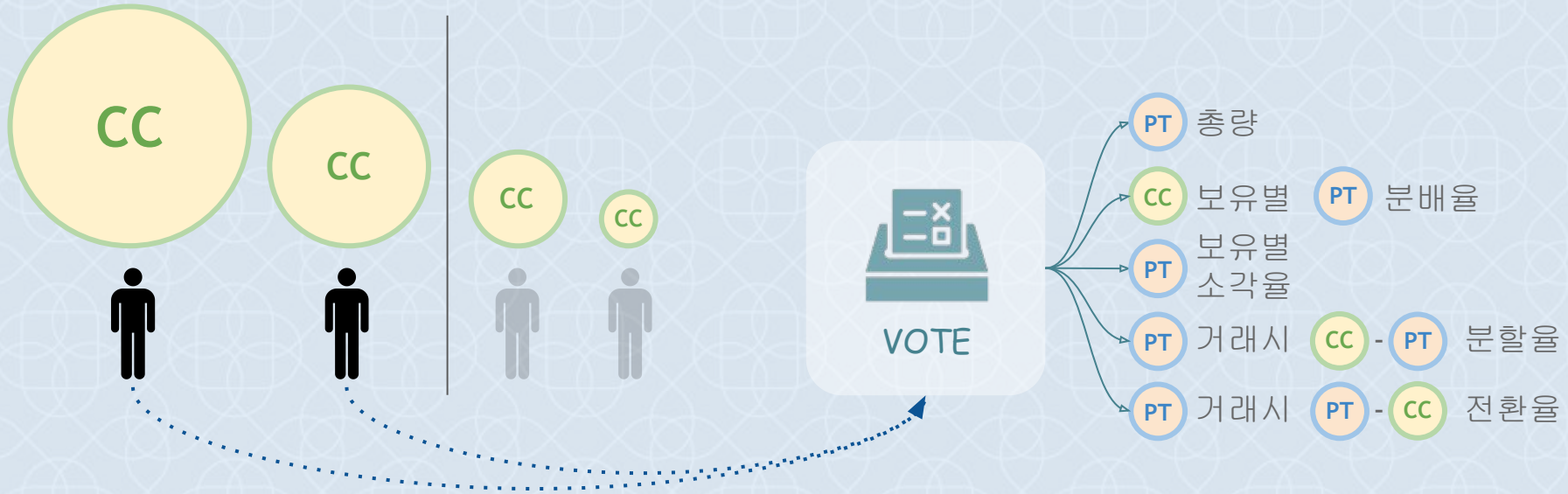
PT 보유량에 비례한 매 주기별 PT 소각(디플레이션)으로
경기 사이클 변동성 & PT 부익부빈익빈 완화



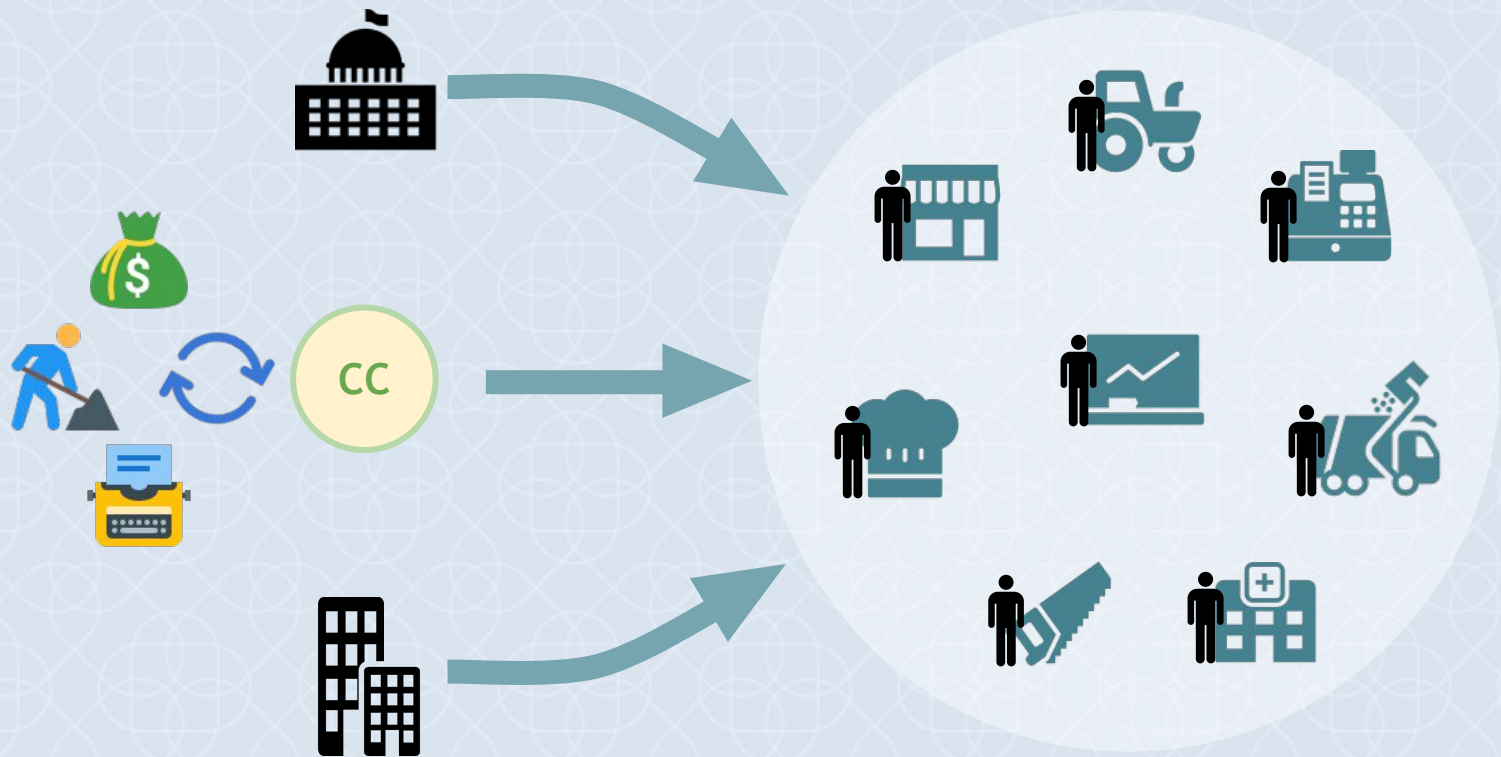
안정적 미래 소득은 채무 불이행의 리스크 해소



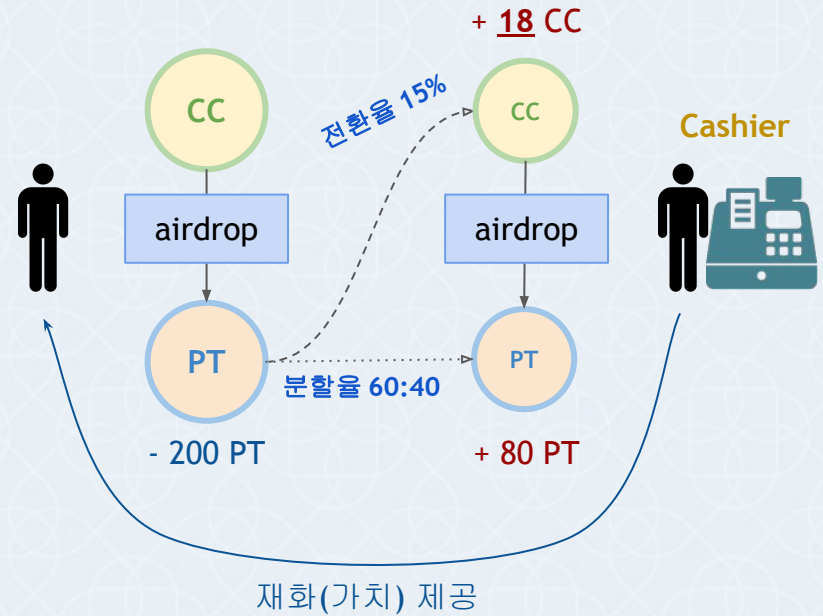
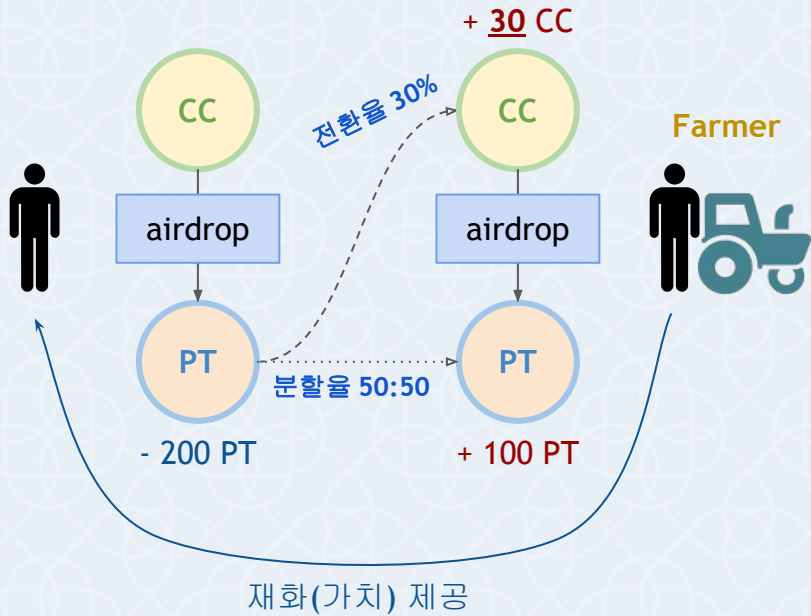
CC 보유량에 기준한 제한적 투표 시스템을 통해
CC와 PT 간 airdrop 총량, 비율, 소각율 등 결정



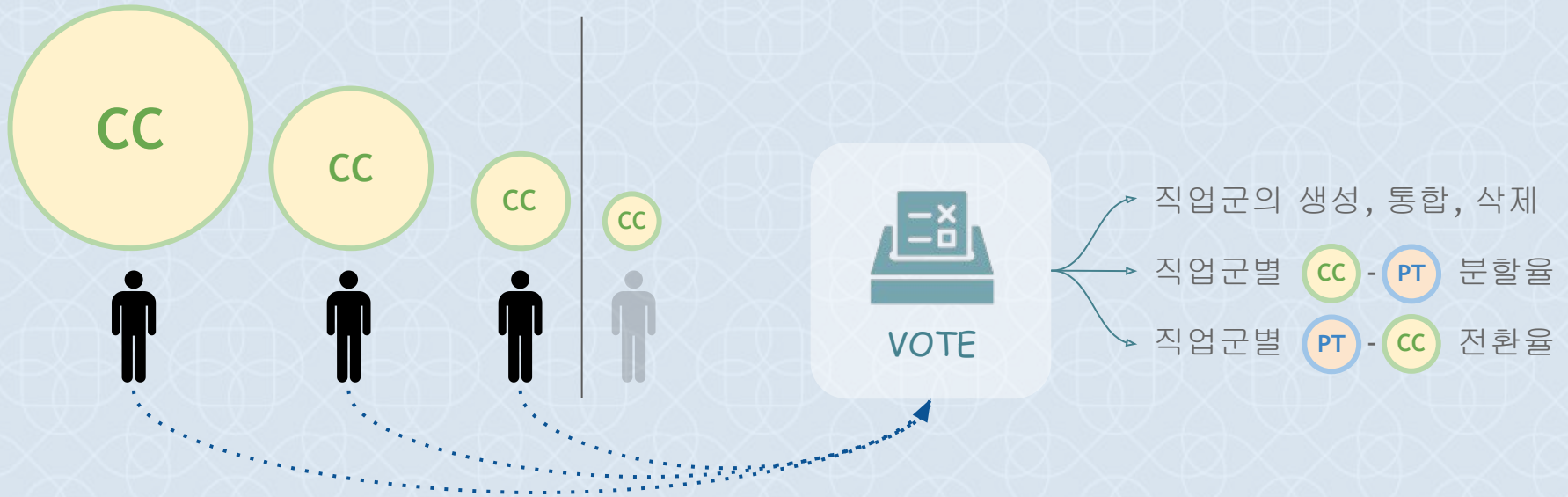
블록체인 화폐 생태계의 시작



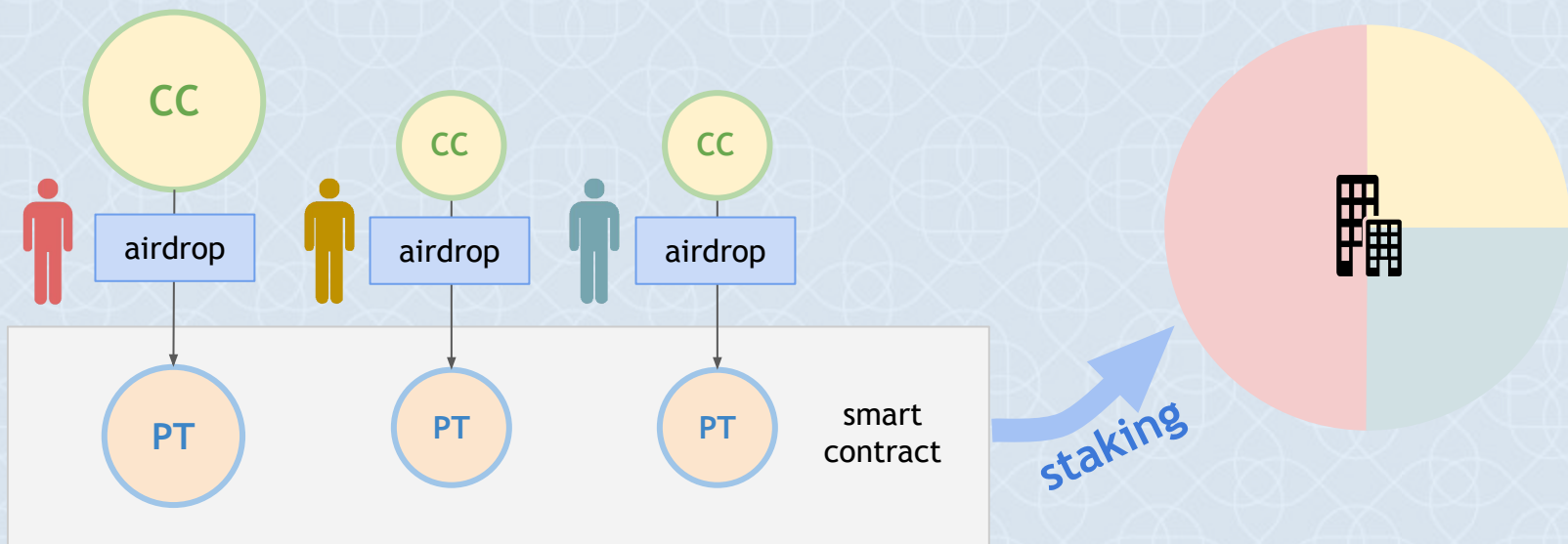
직업군 시스템



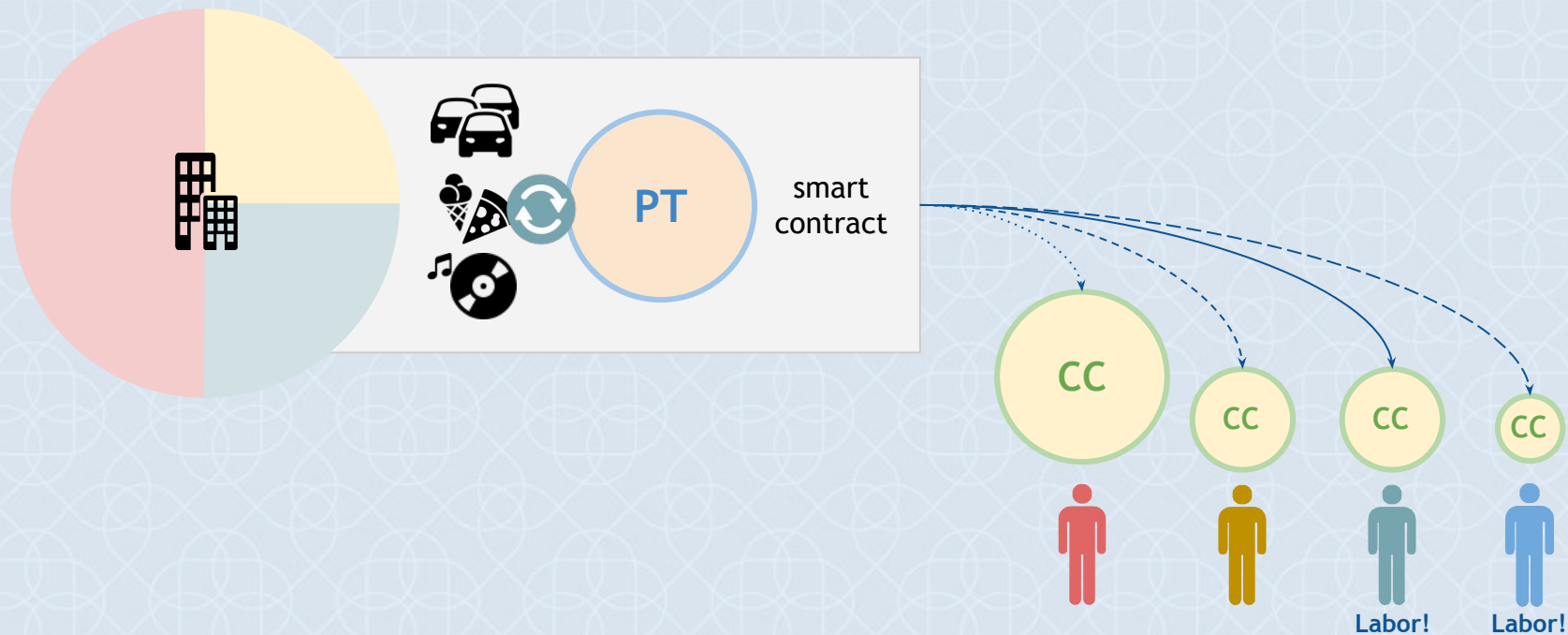
직업군 시스템



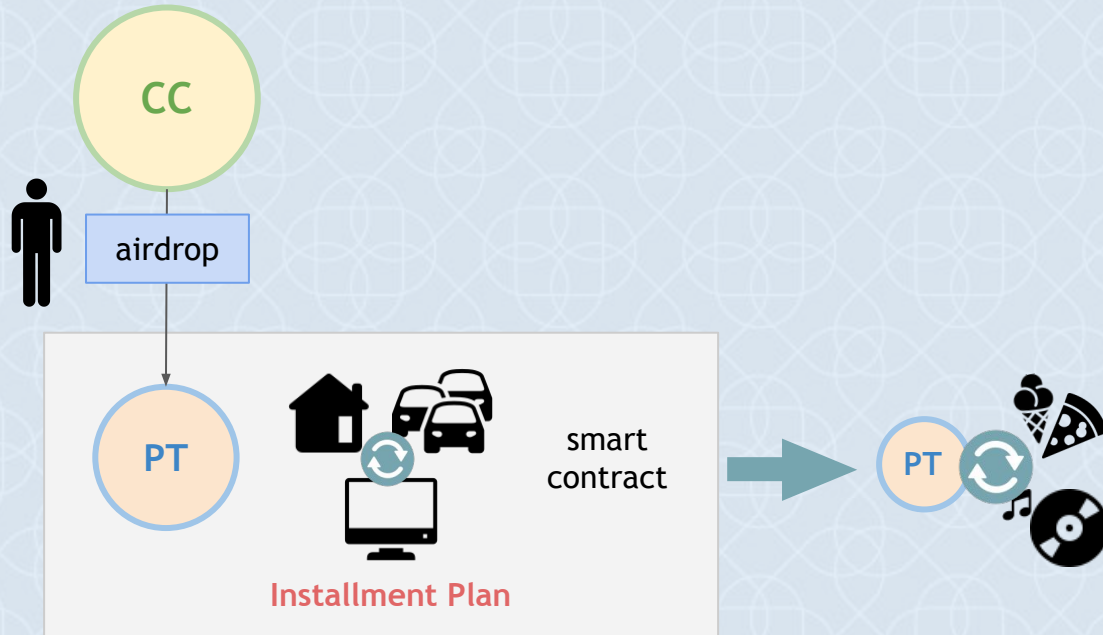
기업 금융 시스템



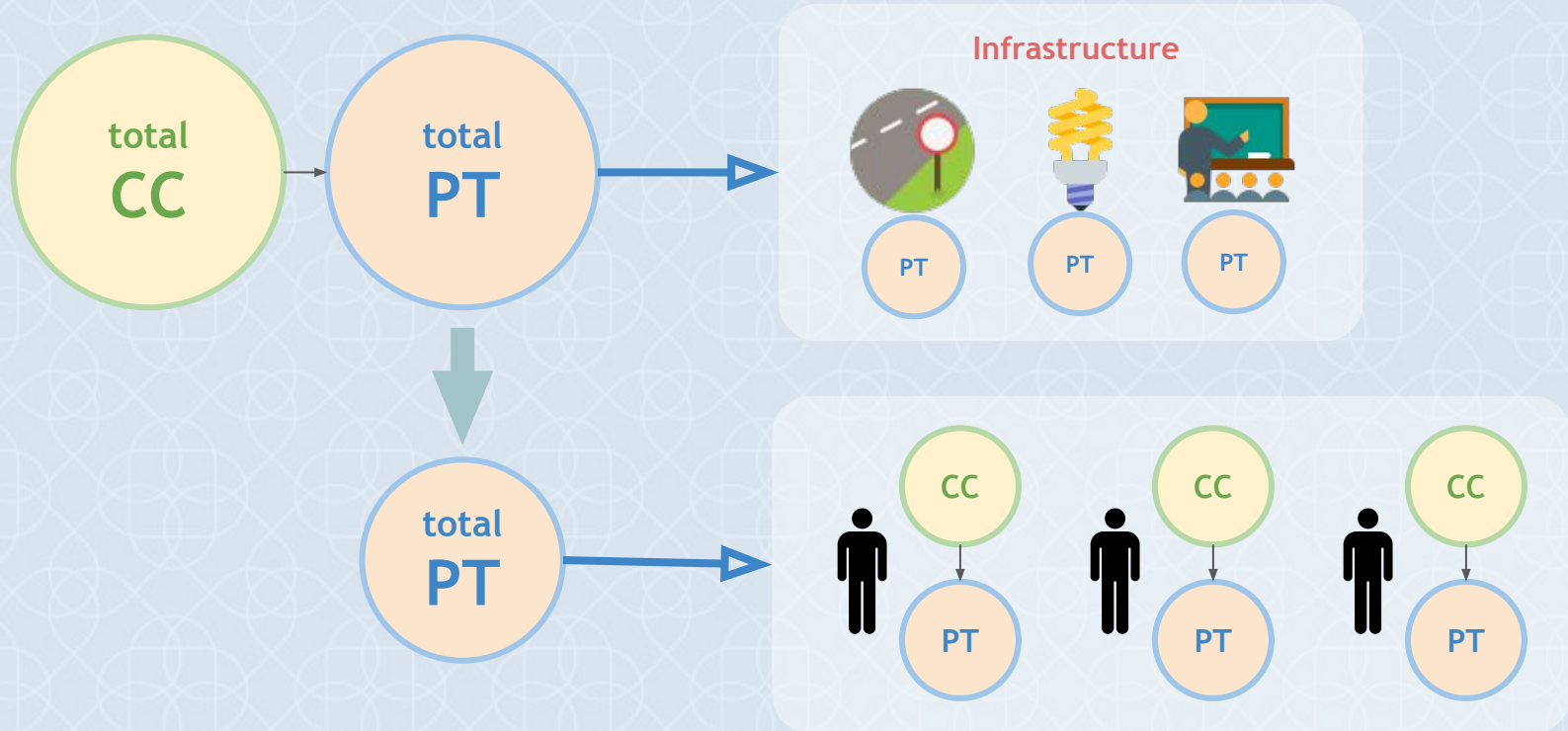
기업 금융 시스템



소비자 금융 시스템



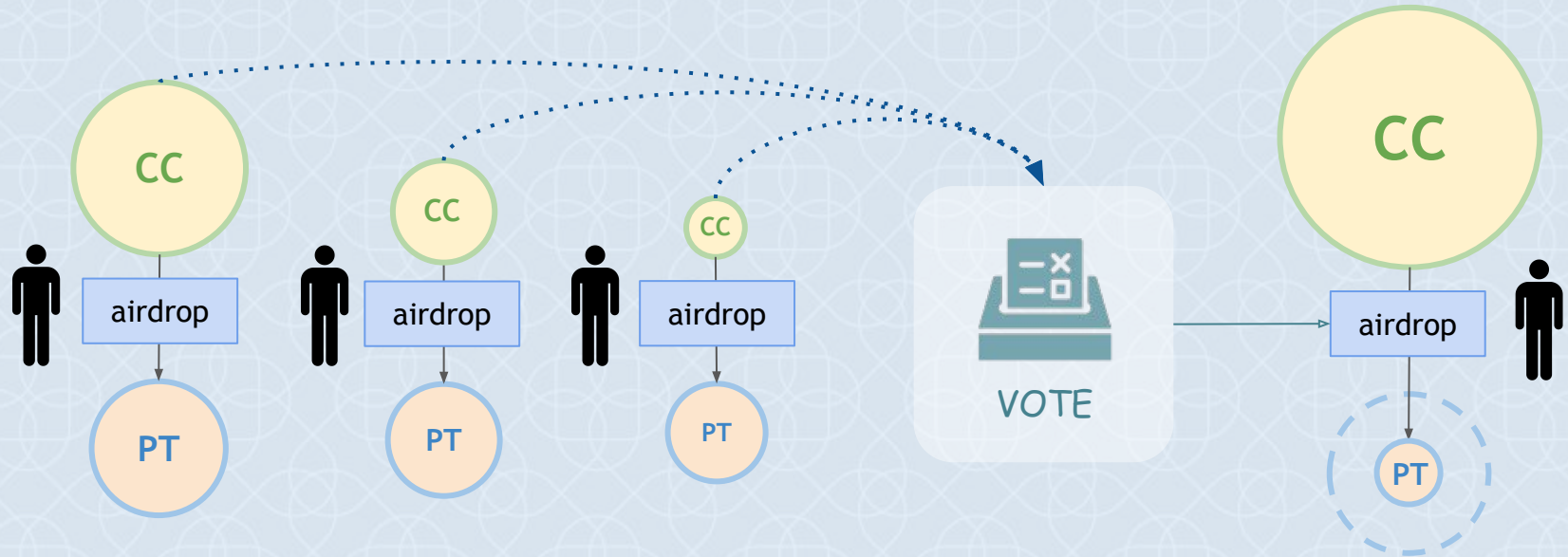
조세 시스템



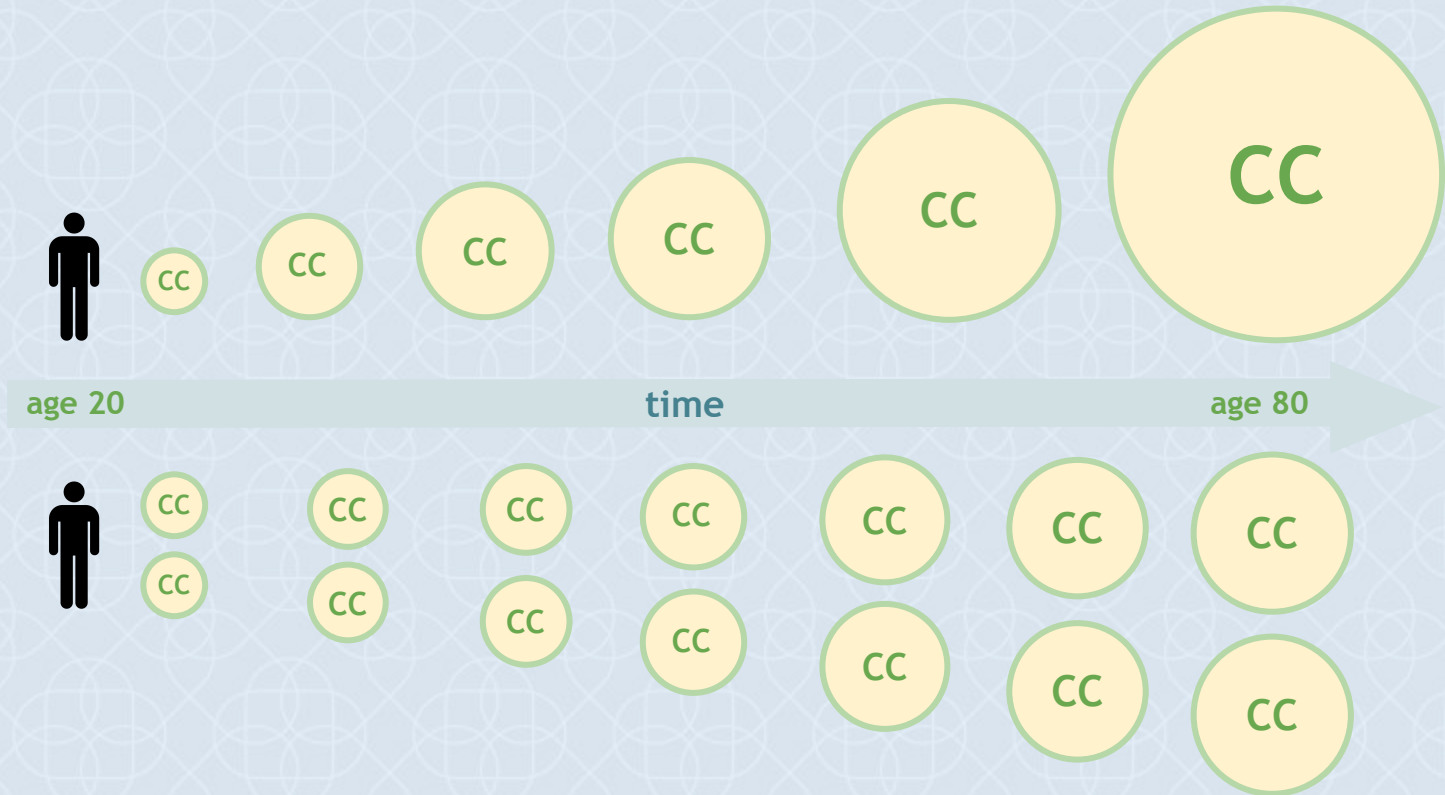
암호화폐 모태 플랫폼



생태계 위해자 벌칙 거버넌스와 견제 규칙



어뷰징의 문제 해결



필요 시스템

CC-PT 블록체인 시스템

법정화폐 - CC 게이트웨이

CC 기반 전자투표 시스템

Purechain 기반 토큰거래 시스템

PT smart contract 금융

주요 재화 기기 지문 페깅 시스템

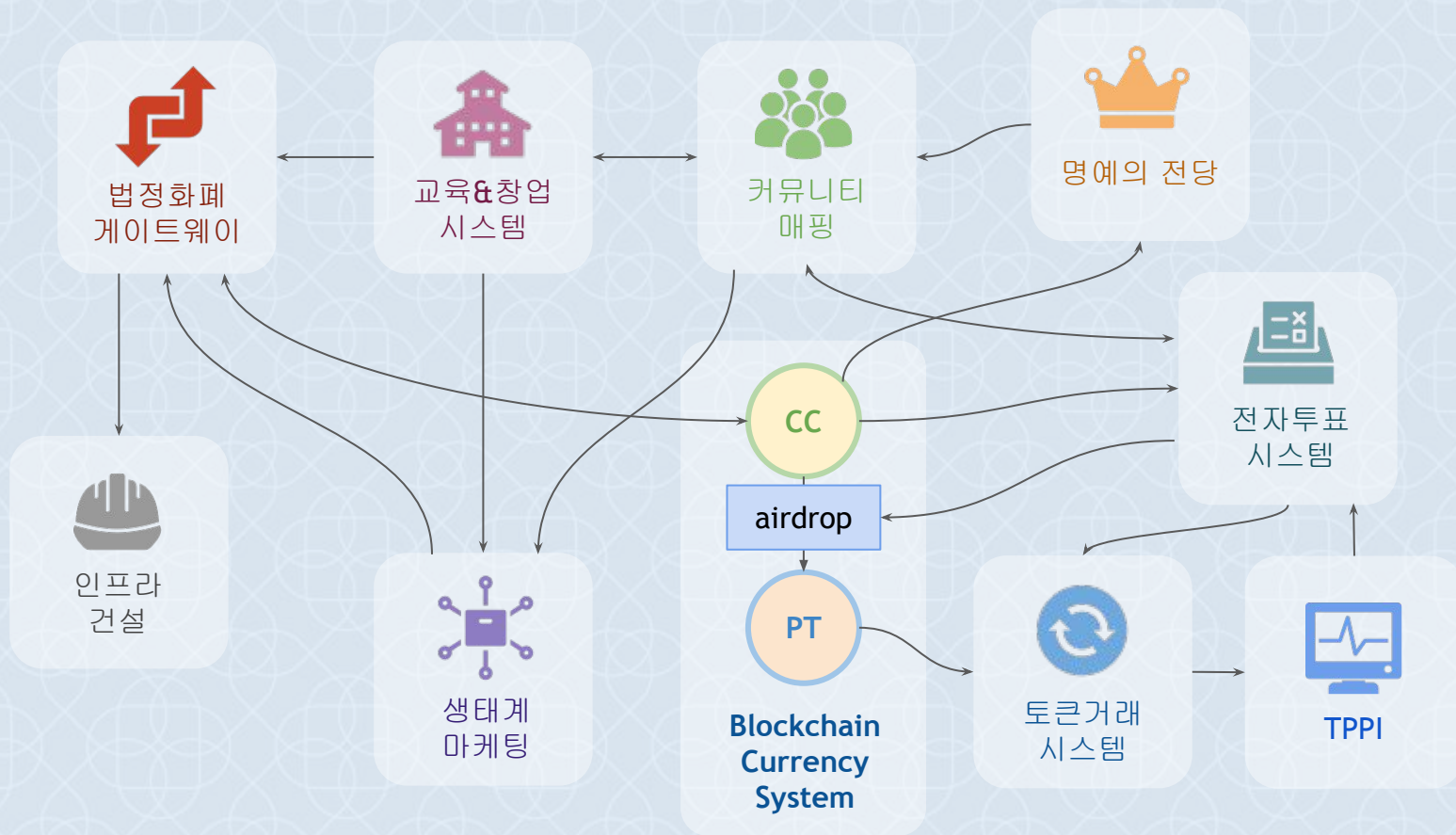
Total Product Price Index

API Management

명예의 전당

홀라크라시 거버넌스 커뮤니티

노인 요양마을 생태계



사업단 구성 예시

- **실행 총괄 그룹** : 사업 시작, 재정 확보 및 유지
다른 사업 그룹 간 균형자 역할
- **하드웨어 인프라 구축 그룹** : 토지, 건물, 도로, 전기에너지 등 물적 시설 건설 및 유지
- **블록체인 화폐 시스템 개발 그룹** : CC - PC 화폐 시스템
전자 투표 시스템
- **코인/토큰 거래 시스템 개발 그룹** : Purechain 기반 하드웨어 월렛
Smart contract 금융
Total Product Price Index
API Management
- **교육 및 마을 커뮤니티 운영 그룹** : 생태계 거주자 자녀 대상 초/중/고등 교육
노인 입주민 대상 평생 교육
커뮤니티 매핑 디자인 및 운영
생태계 위해자에 대한 법정 역할
- **창업 인큐베이팅 그룹** : 교육 그룹 및 생태계 거주 희망자를 위한 창업 컨설팅 지원
마을 생태계 발전 단계를 고려한 생산-유통-소비 주체 관리
- **마을 생태계 홍보 그룹** : 체험 관광, 외부 광고 등 외부 자원 유입을 위한 활동 전반
외부 마을 시스템 구축 지원 및 컨설팅

free discussion