

# **Financing the Future The Future of Finance**

**A WAAS-Initiative on  
how to finance our SDGs**

**Session 3: Digital Financing for Sustainable Development  
World Bank, 16-17.2019 Washington DC**

Brunnhuber



# UN-Sustainability Development Goals

*„A future road map...“*



## **A. Four Preliminary empirical findings**

Living in new era

Sustainability revised

Getting the figures right

The real tragedy of the commons

## **B.The Six-pack**

Conventional financial engineering & the residuum

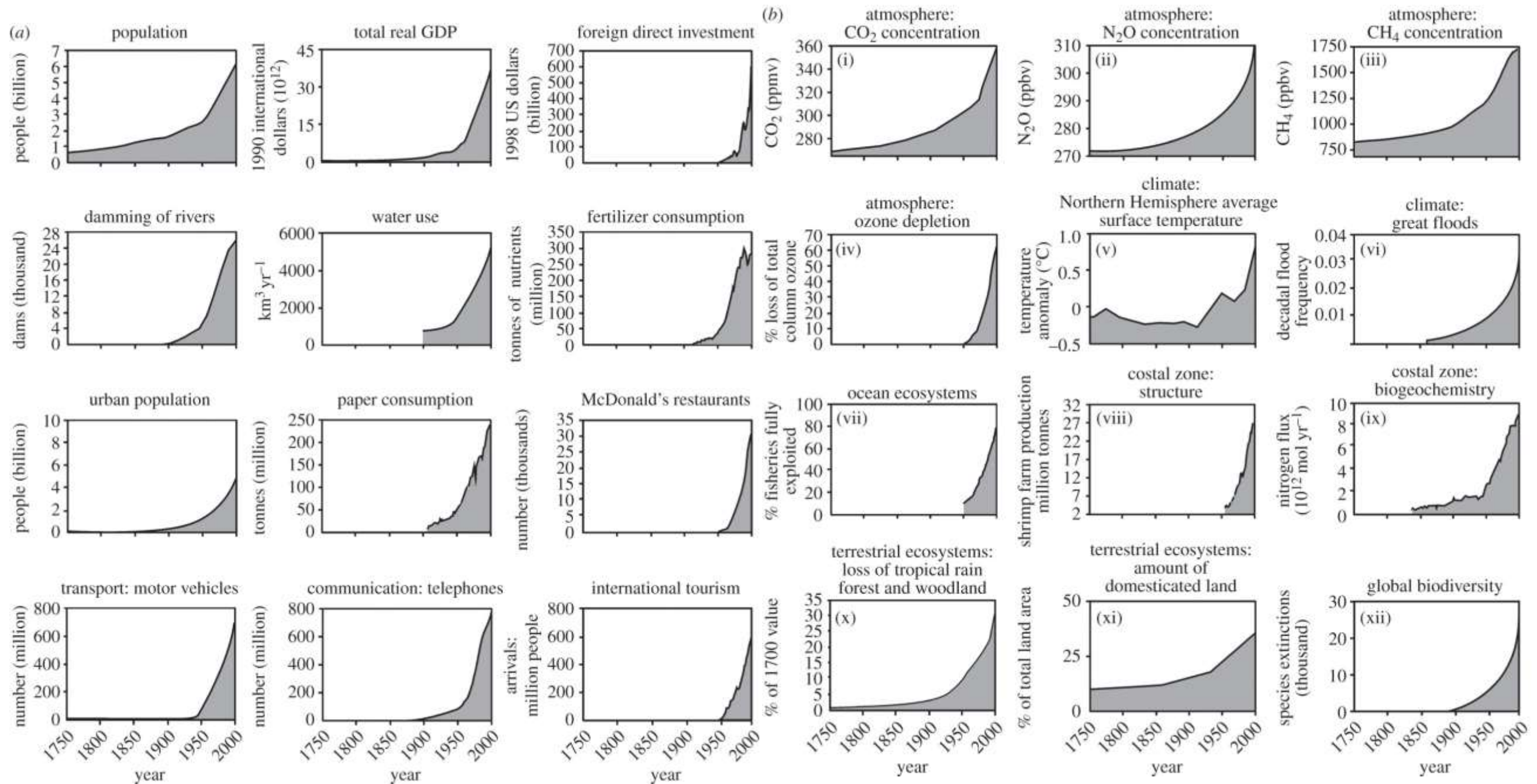
Empirical evidence for a dual currency system

Blockchain - A general purpose technology for the good

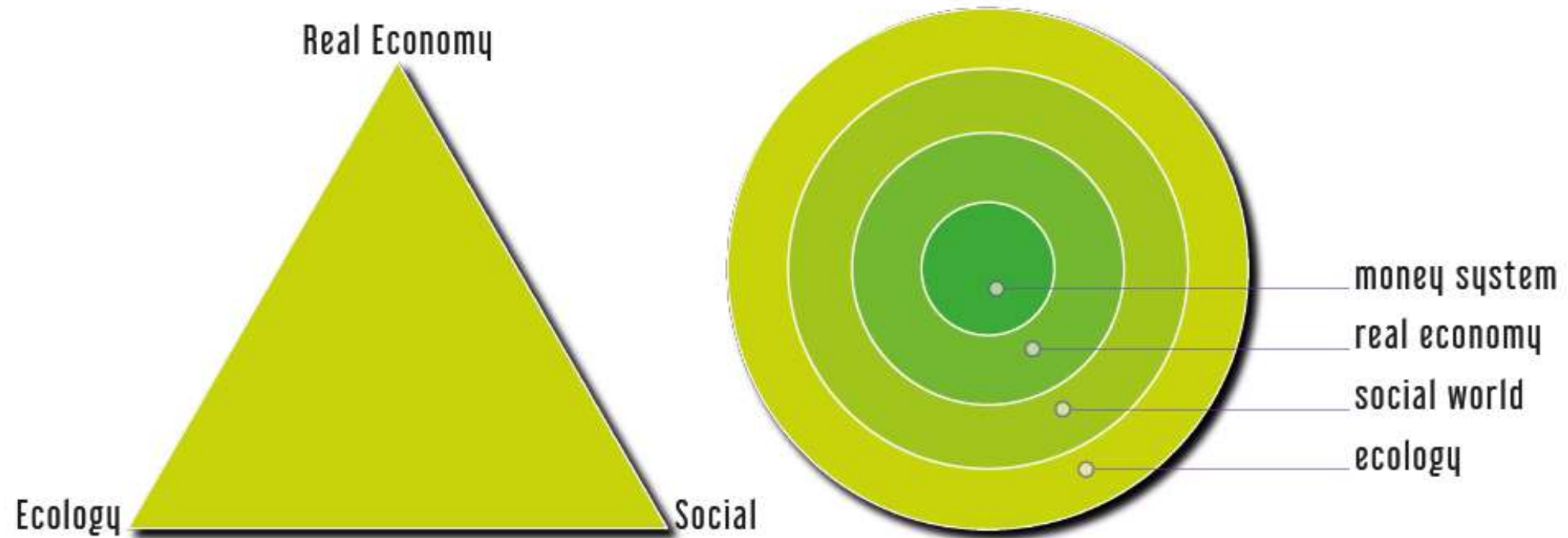
Riding a bike with two wheels

## **C. The TAO of Finance-Initiative (WAAS)**

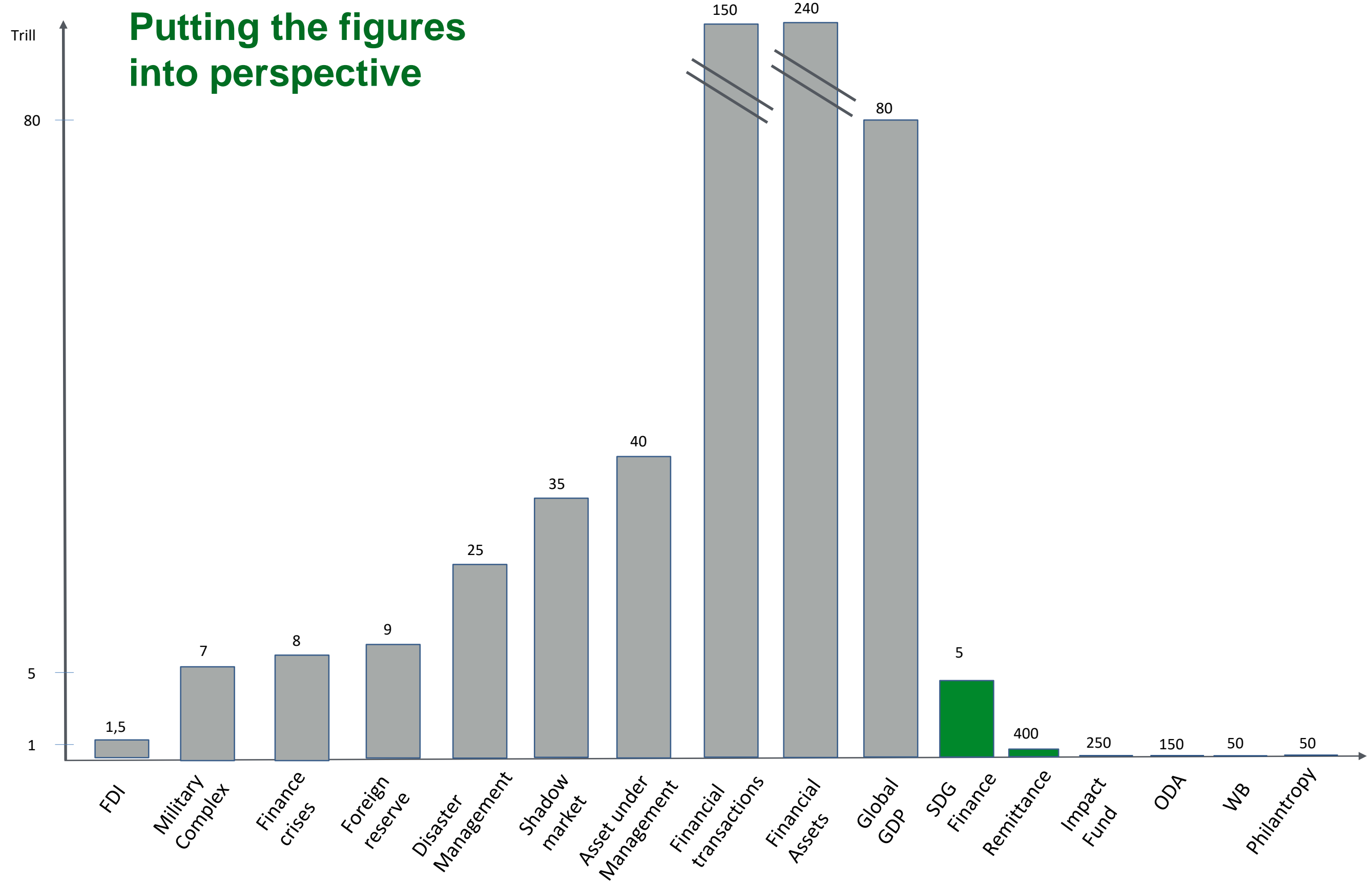
# Living in a New Era: Normal is over



# Sustainability revised: The missing Link

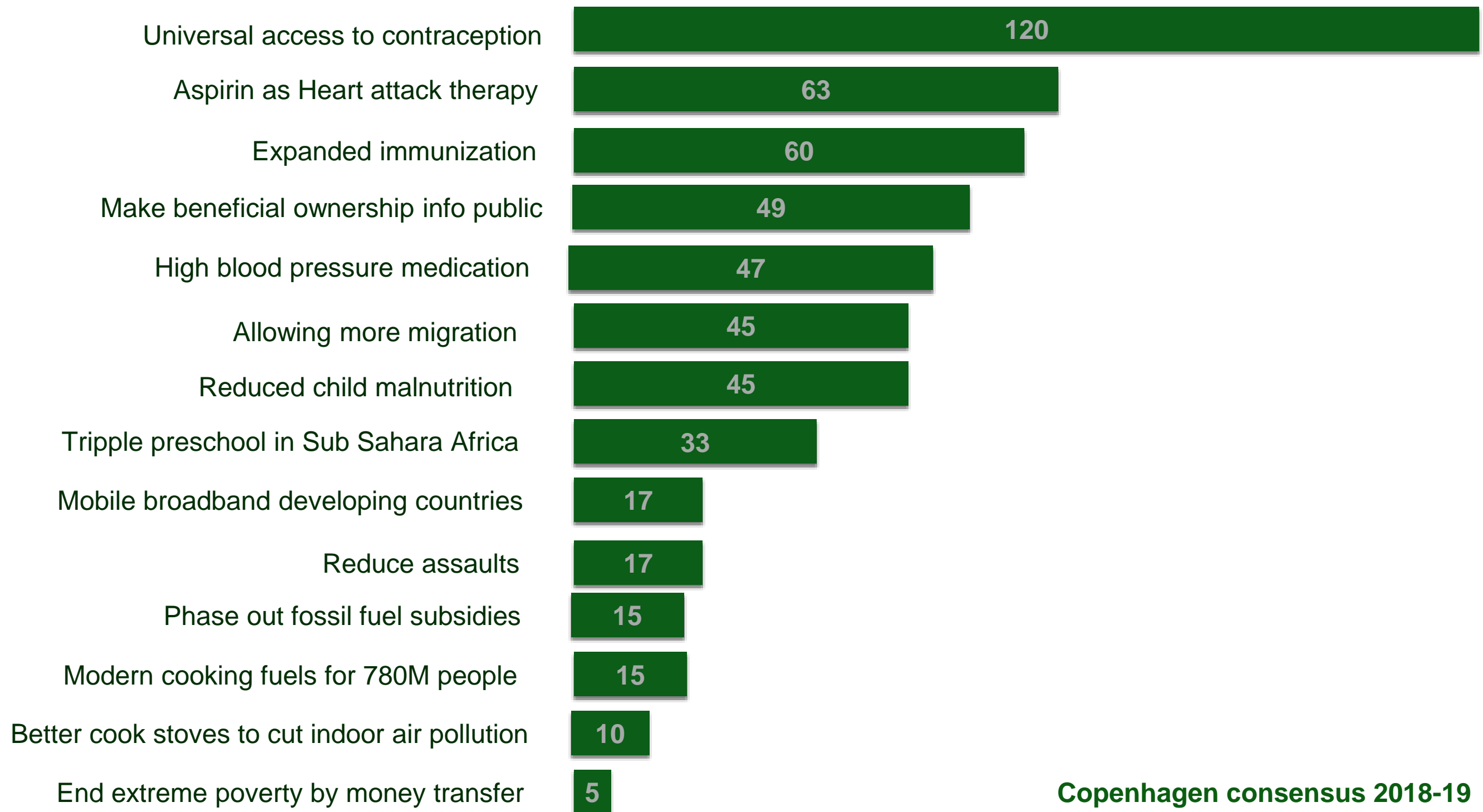


Putting the figures into perspective



# Global Commons: High Return on Investment

*„Awakening the sleeping giant...’*



# How to Finance our Future?

*,Why this is so difficult...‘*

- SDGs: A total of 5 Trillion USD annually
- The financial system is unstable: >10 events annually
- Resistent to change: Multiple Lock-In effects
- Time is not on our side: it takes a century to balance the world
- SDGs: 2/3 are global commons
- Illicit transactions: miss-invoicing, fraud, corruption, informal sector
- Changing the Mind-set



## **A. Four Preliminary empirical findings**

Living in new era

Sustainability revised

Getting the figures right

The real tragedy of the commons

## **B.The Six-pack**

Conventional financial engineering & the residuum

Empirical evidence for a dual currency system

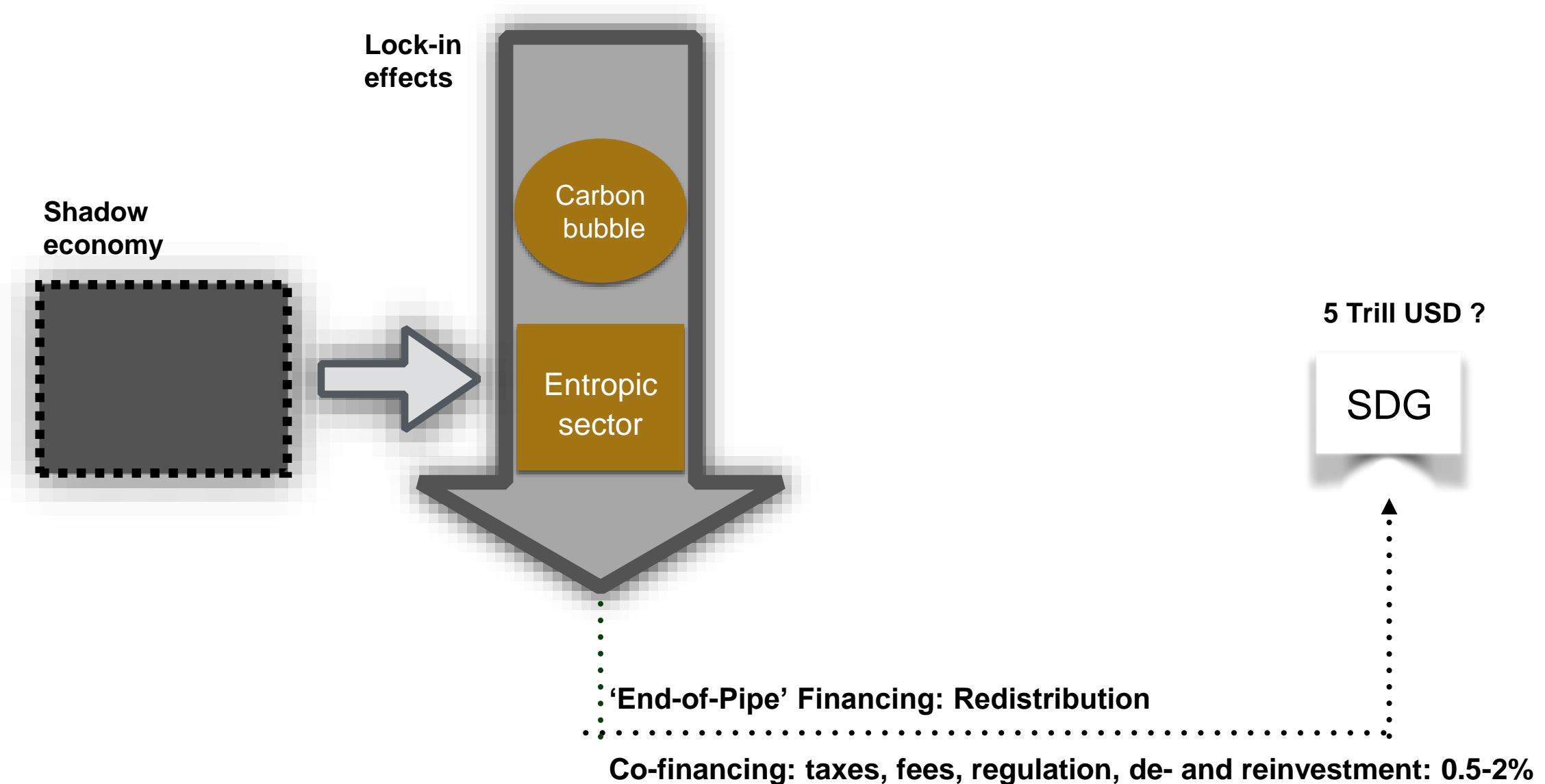
Blockchain - A general purpose technology for the good

Riding a bike with two wheels

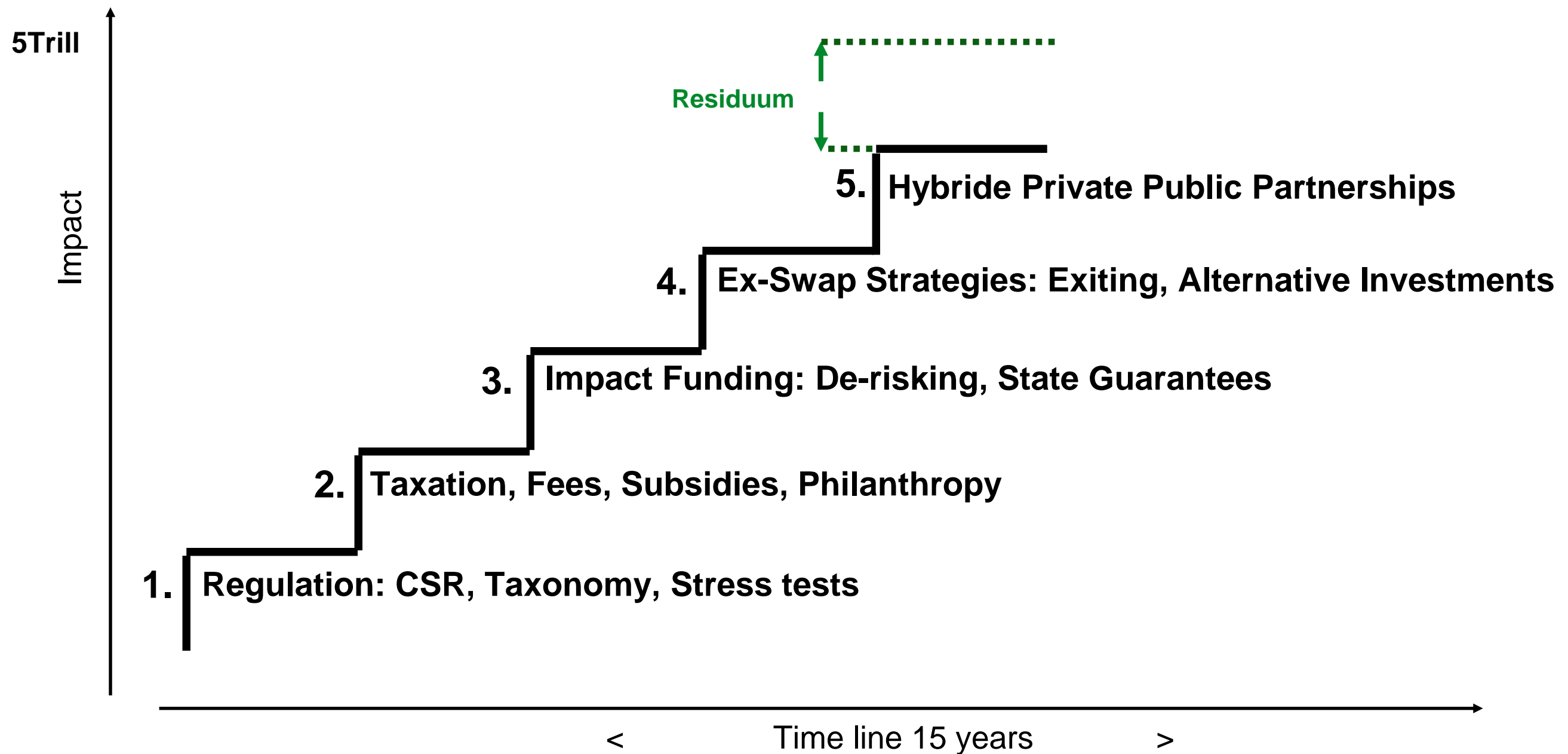
## **C. The TAO of Finance-Initiative (WAAS)**

# The global value chain simplified

*,Central banks - Commercial Banking - Goods and Services - Shadow market and the rest...'*

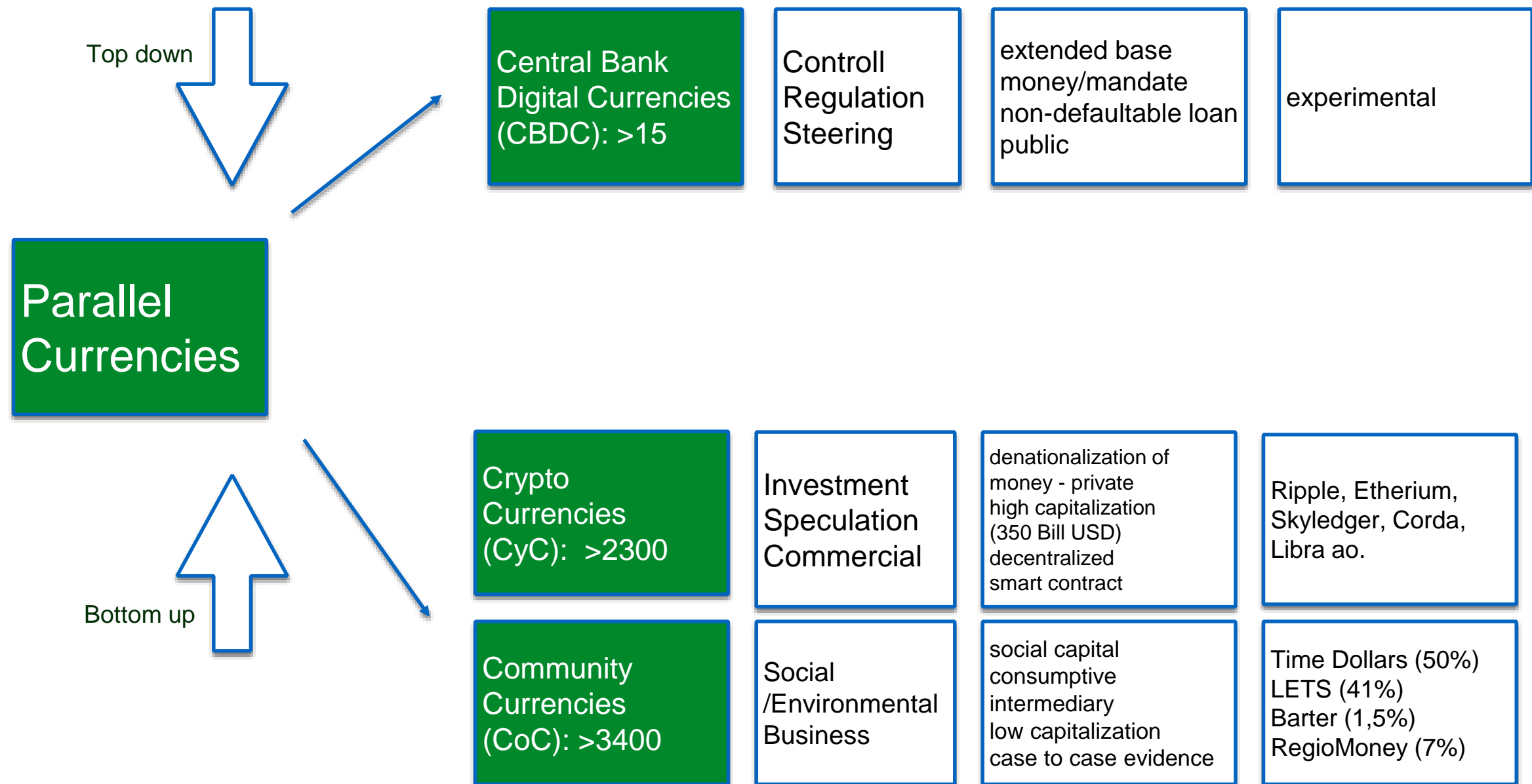


# Global Consensus - Impact - Timeline: *,The Six-pack and the Residuum...'*

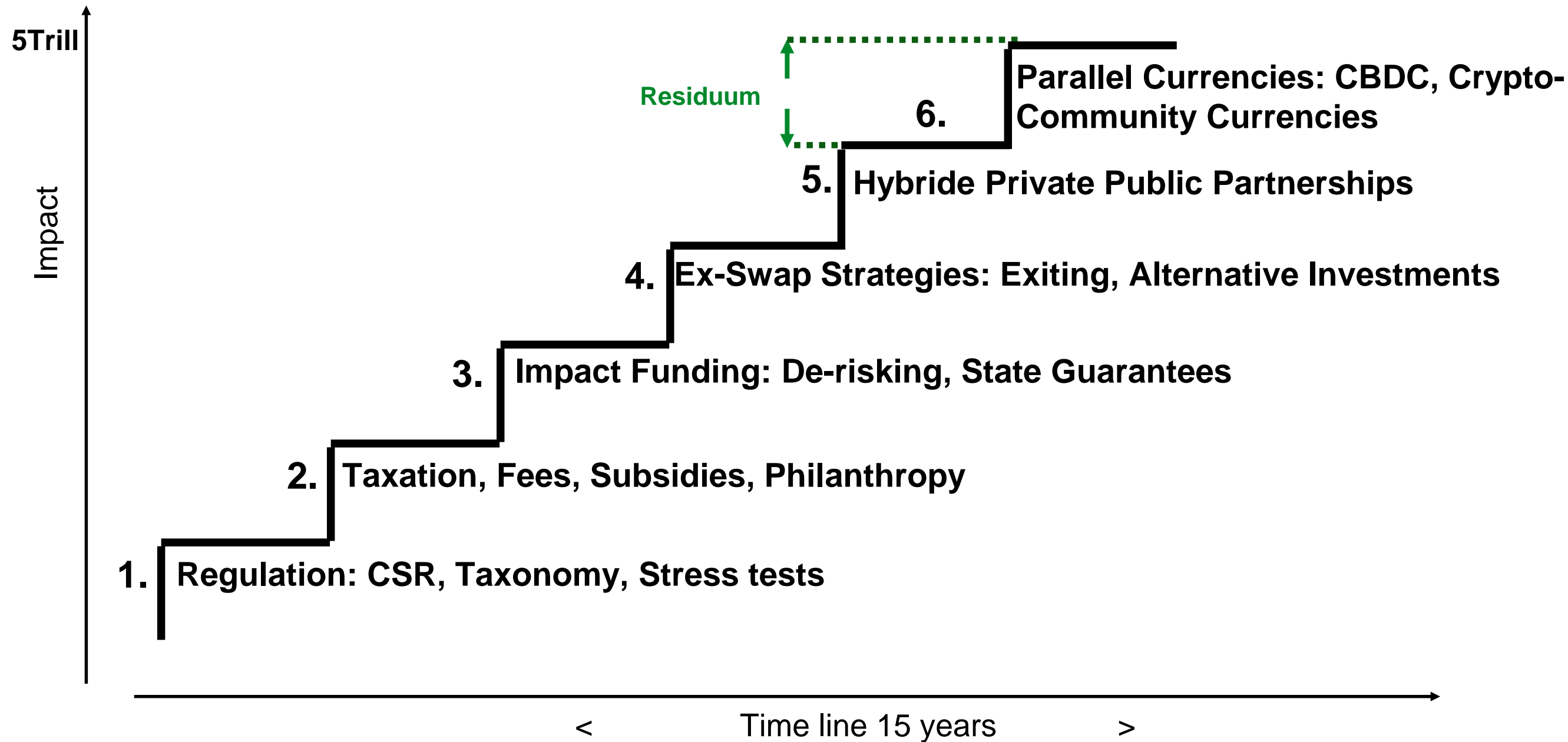


# Parallel Digital Currencies: Additional targeted Liquidity

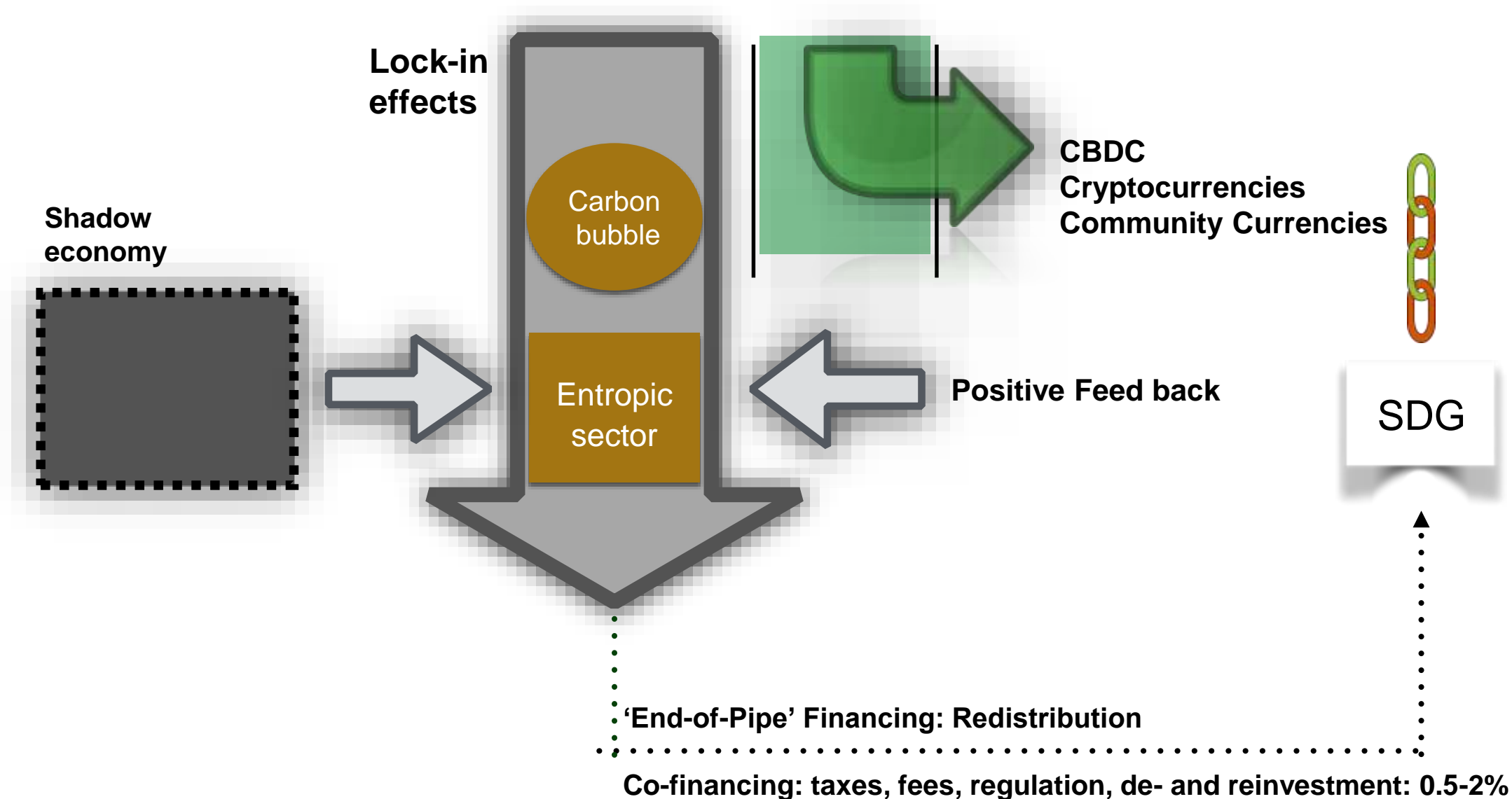
*,Untapped Potentials: 4 bill people under- or unbanked globally...‘*



# Global Consensus - Impact - Timeline: *,A Parallel Digital Currency System...'*



# The rational behind block chain technology: *,Complementary - Parallel - Optional - Regulated - Liquidity Beyond Redistributing Money...'*



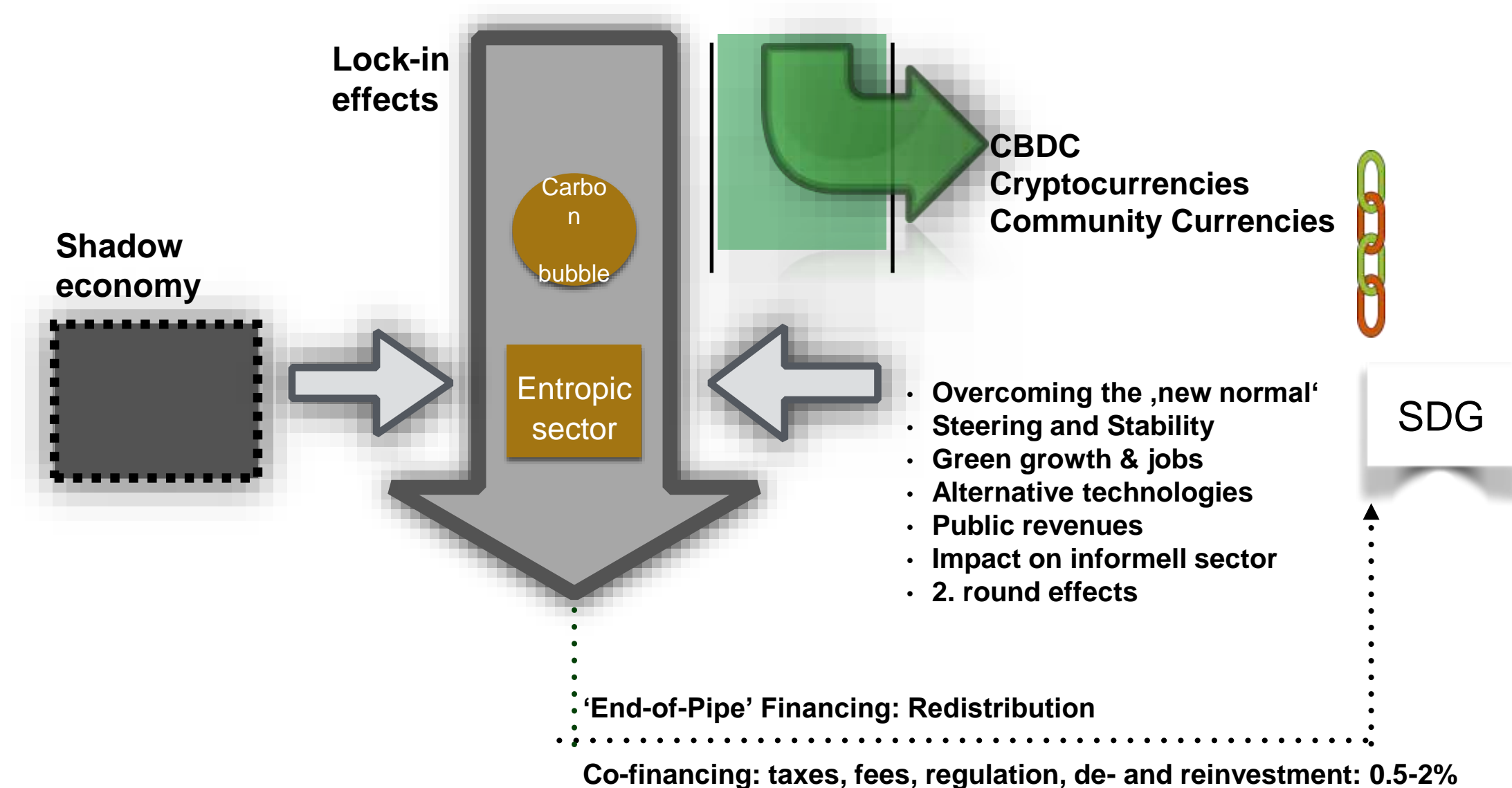
## Why Blockchain Technology?

*,A general purpose technology...‘*

- **Trust** - social capital
- **Transparency** - minimizes tax evasion, fraud, illicit transactions, corruption
- **Targeted** - ensures investment/consumption - smart contract
- **Resilient** - anti-cyclical, steering, regional, sectoral wealth  
multiple second round effects
- **Pareto-superior** - creates jobs, green growth, additional tax revenues,  
stabilizes CPI, decreases negative externalities

# The Full Picture: A Systemic Approach To SDG's

*,Like riding a bike with two wheels...'*





# Multiple Sustainability Solutions

*,We chronically miss one component....‘*



## **The ,TAO of Finance'-Initiative (WAAS)**

Parallel - additional - regulated - targeted liquidity

Provides a mechanism that enables to shift towards  
SDGs

Does not rely solely on CSR, charity, voluntary commitment, resolutions  
or moral imperative, taxes or fees

Top down - bottom up: Public versus Private

If done in the right way: cheap - fast - resilient - fair

Pareto-superior

Mind set: Patrifocal (take-have) and matrifocal (maintain-give)

***"When the wind of change blows,  
some build walls and the others windmills."***

- Chinese Proverb -



# The TAO of Finance

The Future Wealth of Nations

A Mechanism that can change the world

A Report to the World Academy of Science and Arts

WAAS-Initiative on ‚Financing the Future-The Future of Finance‘

## **Last 3 Months:**

International Press Conference Berlin July 2019

European Academy of Science and Arts joined the project

Film with the Birkelbach-Media Group in the making (part 1-5)

Multiple talks, keynotes and panels national and international

Multiple expert meetings

Keynote at the executive central banker summit Frankfurt

Cooperation with media designers and Film makers

Request from WEF/Davos

Modeling with London/Simudyne

Meeting with SAP, GL brain, Block chain community, Deutsche Bank

Joint venture with GL Brain („green“-Libra)

## **Next steps and requests**

Meeting with experts in politics, financial officers, regulators and investors

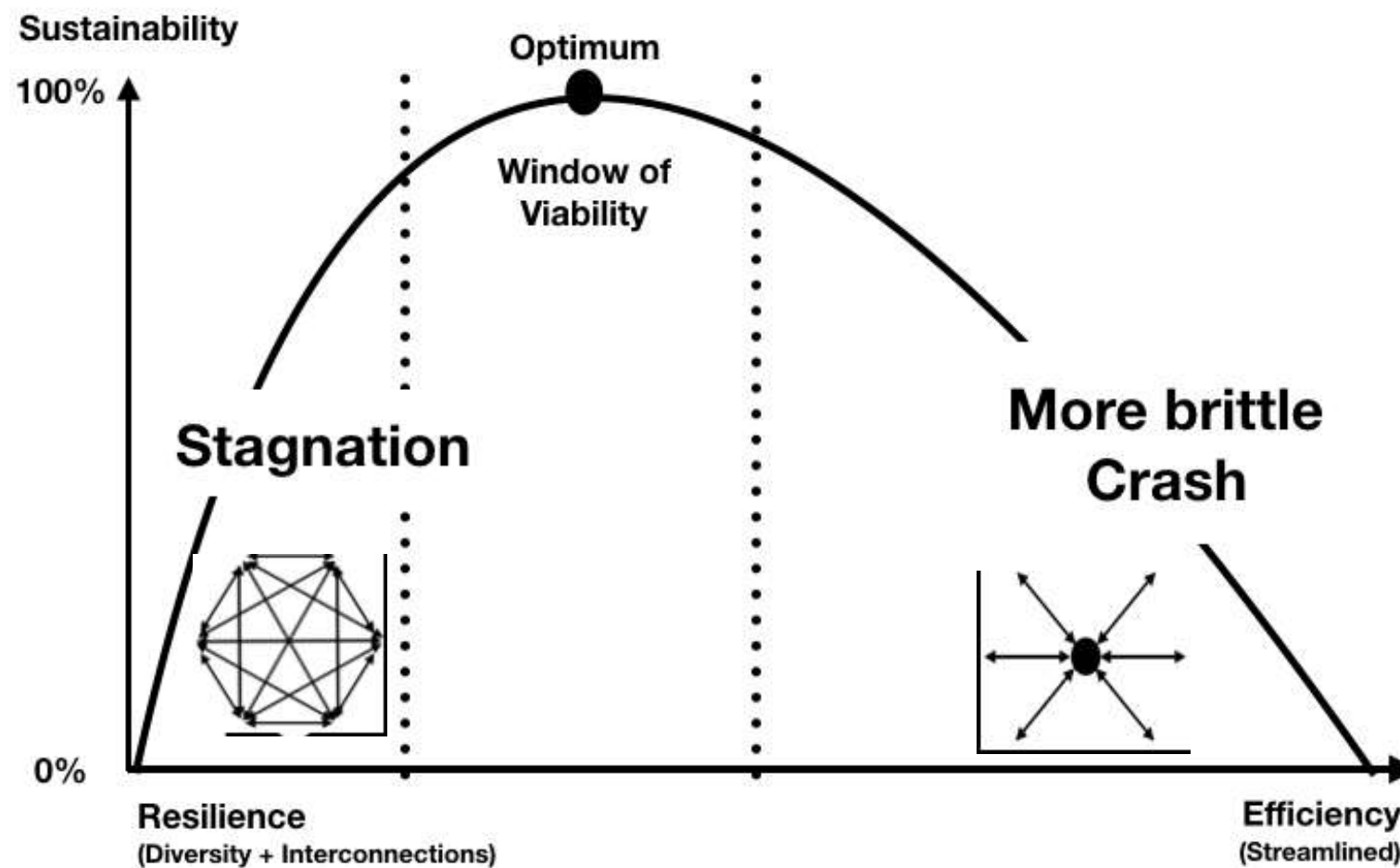
BIS

List of contributors and supporters

Multiplier Team & Blogger required

Funding

Translations & Publishing Houses



**Matrifocal  
Values**



**Patrifocal  
Values**