



“TRANSITIONING TO SCIENCE-BASED INVESTING”

Reforming Money-Creation Policy

- Coining a nation's money i.e. currency-issuance a traditional function of governments (U.S. Constitution; Prof. J. Huber "Sovereign Money" (2019).
- Money is not wealth, but a form of information, the metric used to track & keep score of human budget priorities, transactions and use of national resources.
- Prices are extrapolated from past and a function of human ignorance.
- Cryptocurrencies now challenging traditional government-issued money (fiat currencies) and central bank's power & monetary tools, policies. (e.g. Facebook's "libra").
- Government policies & central banks ceded money-creation to private banks (e.g. Federal Reserve Act, 1913) and shadow banking evolved.
- Monetary policies of central banks failing-even QE and neg. interest rates.
- Fiscal policies stalled by debt overhangings and "austerity".
- Loss of purchasing power, diminishing money-supplied consumer aggregate demand.
- Rising inequality, poverty in rich countries, productivity gains flow back to capital more than wages of employees.

Public & Private Investments in Green Infrastructure

- Dealing effectively at scale with the climate crisis and preventing global recession requires a system-wide transition from fossilized energy to renewable infrastructure.
- The Green New Deal “moonshot” approaches in the USA and Europe are the next evolutionary technology-led human development paths (typified by the UN SDGs).
- Global finance is lagging in science-denial still mis-investing in 19th & 20th century incumbent sectors and technologies (stranded assets in fossil reserves, livestock-raised meats, risky pharmaceuticals, mining of unnecessary gems).
- The global green transition requires re-directed R&D, public investments and procurement, redeploying and training displaced workforces to avoid recession and maintain purchasing power, aggregate demand.
- Multi-partisan consensus is possible investing in green infrastructure (private already booming), public via new monetary and fiscal policies:
 - Direct issue of no-interest green infrastructure bonds to local governments and via Treasury Direct .
 - Central banks green QE and negative interest rates.
 - Procuring green infrastructure with proceeds certified as green by ratings agencies e.g. SASB