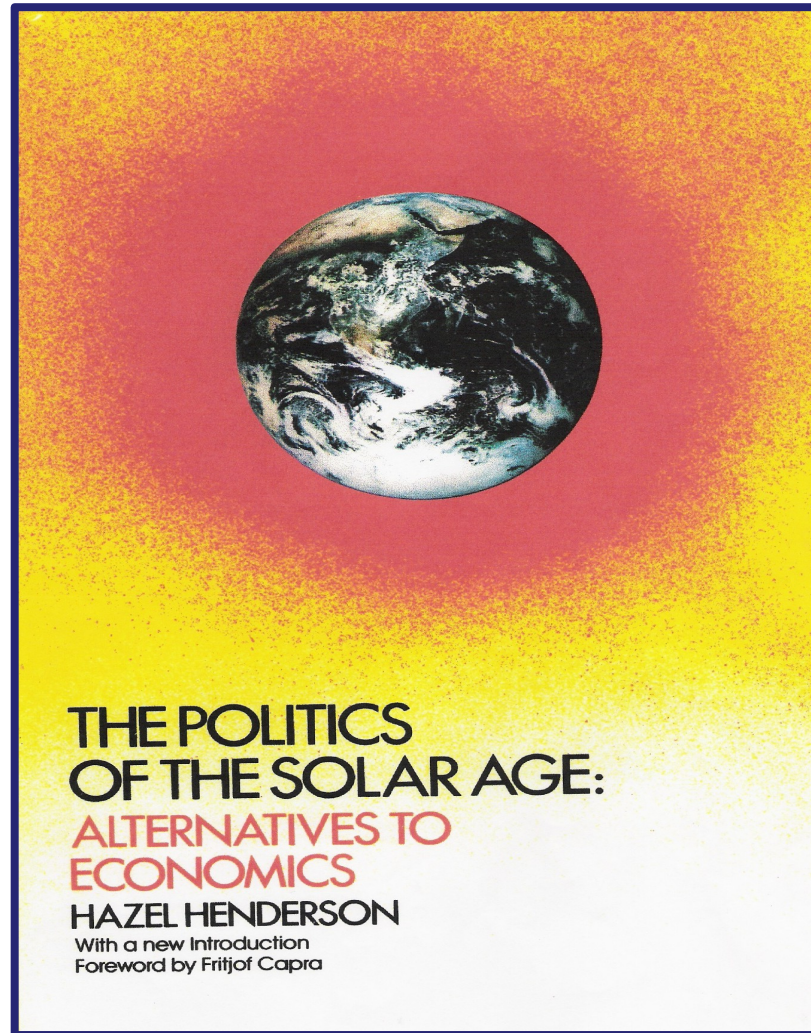


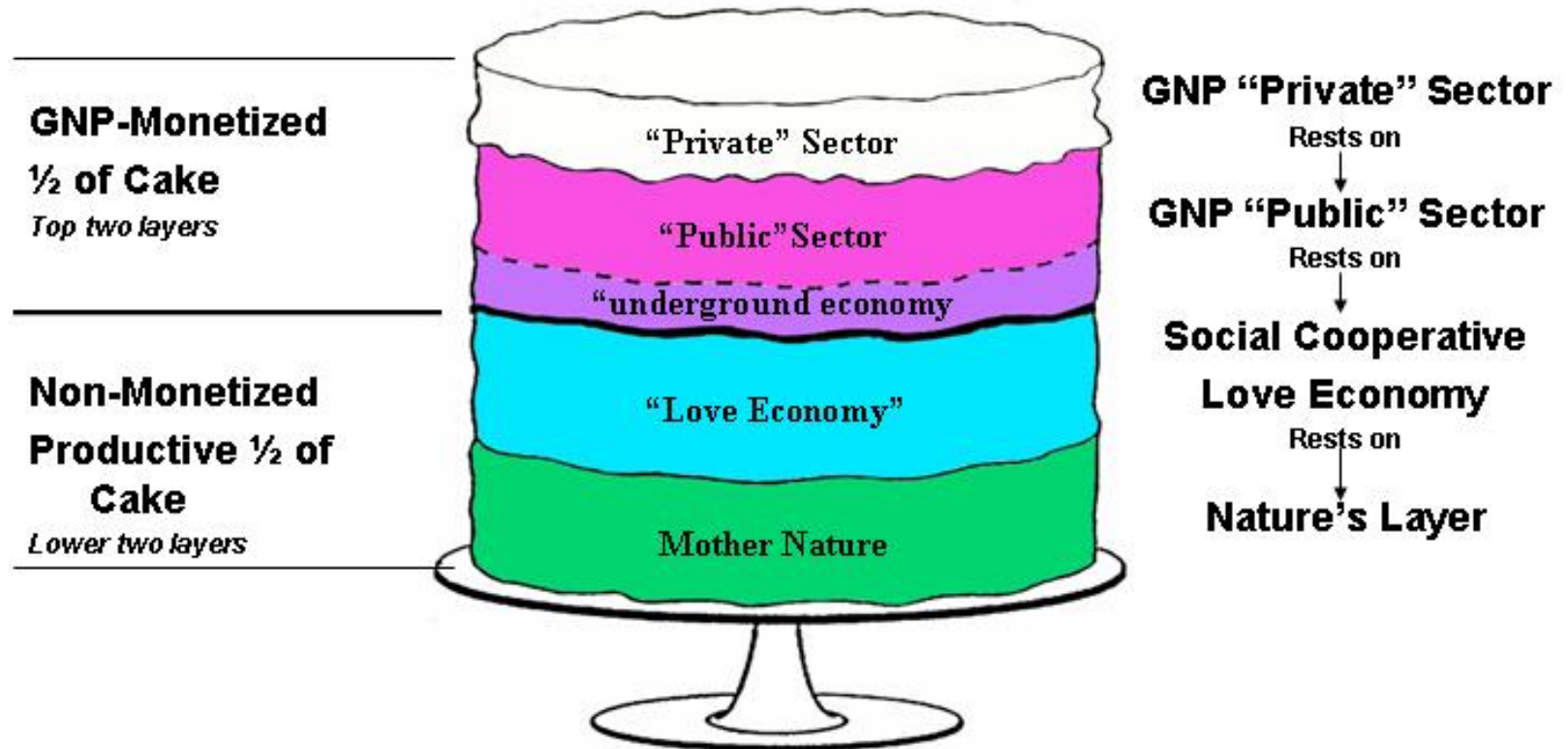
Steering Societies Beyond GDP Toward the SDGS

Dr. Hazel Henderson, CEO
Ethical Markets Media Certified B. Corporation

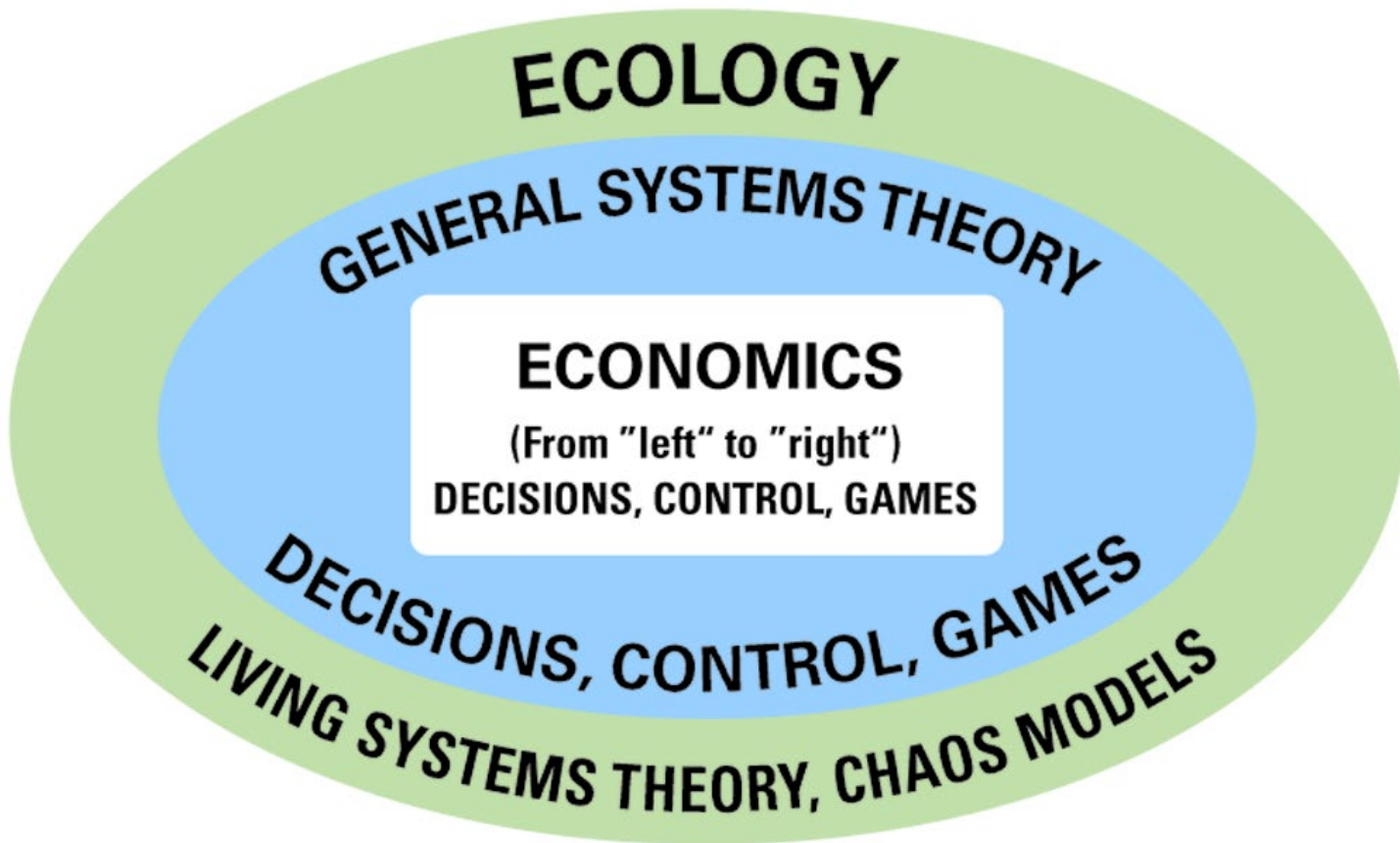
26th KÖVET Conference
Global Dematerialization?
Budapest, Hungary
October 21, 2021



Total Productive System of an Industrial Society (Layer Cake With Icing)

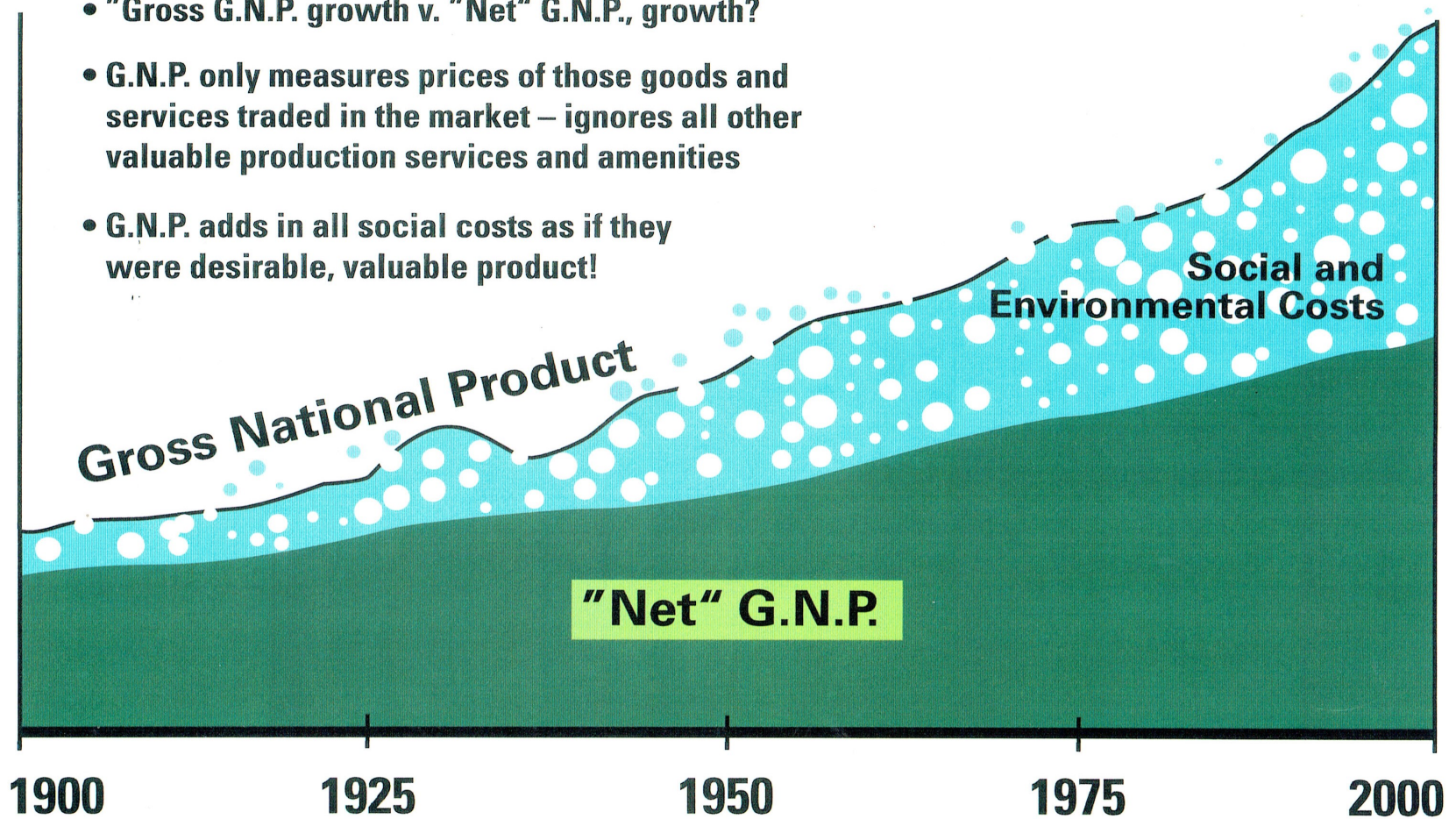


Expanded Framework for Human Policy



Gross National Product Problems

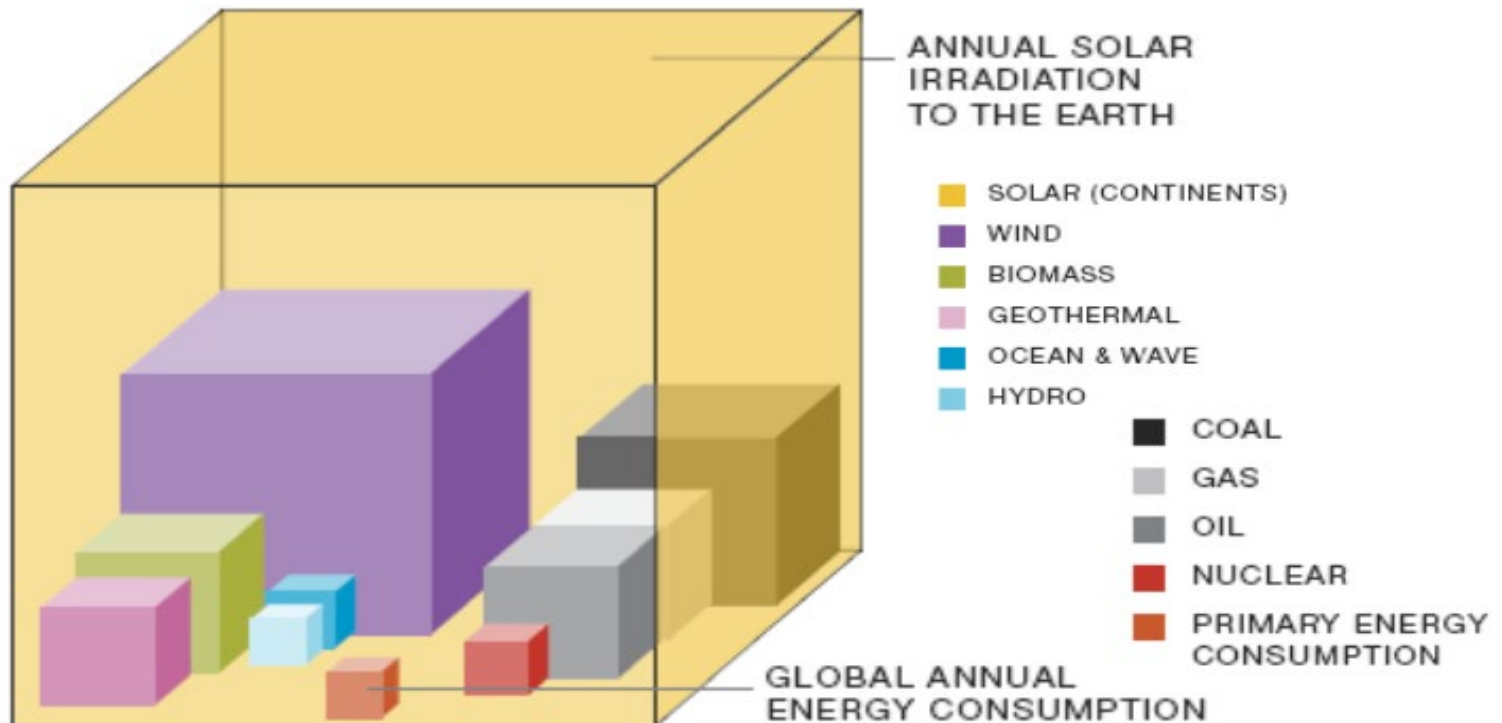
- "Gross G.N.P. growth v. "Net" G.N.P., growth?"
- G.N.P. only measures prices of those goods and services traded in the market – ignores all other valuable production services and amenities
- G.N.P. adds in all social costs as if they were desirable, valuable product!



 SUSTAINABLE
DEVELOPMENT GOALS



ABUNDANT PLANET

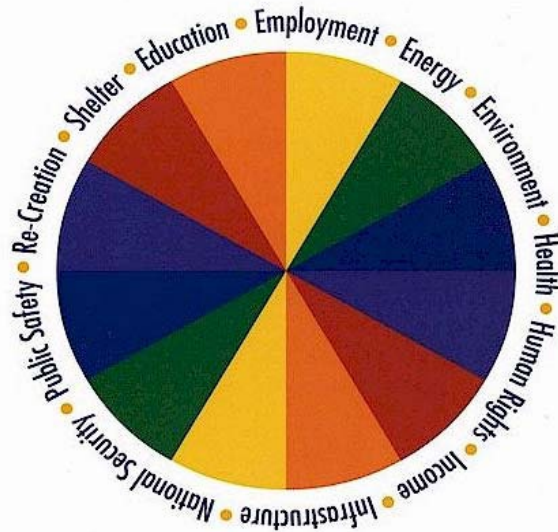


FOSSIL FUELS ARE EXPRESSED WITH REGARD TO THEIR TOTAL RESERVES WHILE RENEWABLE ENERGIES TO THEIR YEARLY POTENTIAL.

Solar irradiation versus established global energy resources
"Solar Generation 6," EPIA 2011

CALVERT-HENDERSON

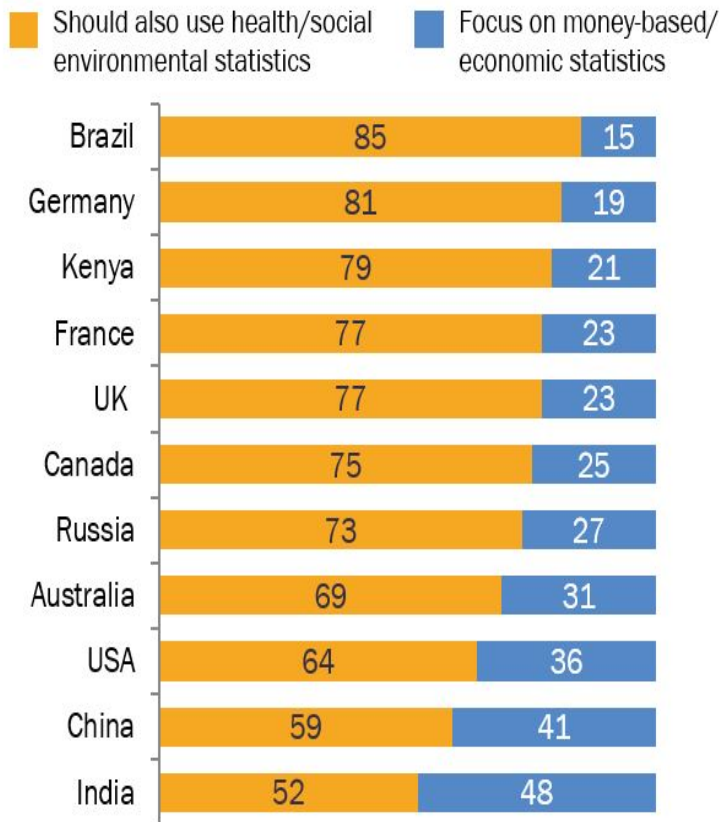
QUALITY OF LIFE INDICATORS



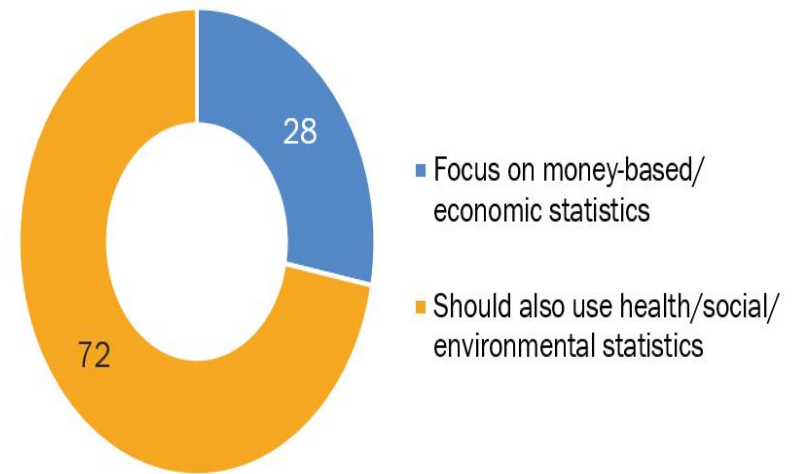
A NEW TOOL FOR ASSESSING NATIONAL TRENDS

Hazel Henderson, Joe Lickerman, and Patricia Flynn, Editors
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Best Way to Measure Country Progress and Development, by Country, 2020



Best Way to Measure Country Progress and Development, Average of 11 Countries,* 2020



*Includes Australia, Brazil, Canada, China, France, Germany, India, Kenya, Russia, UK, and USA

GDP26_tot

GDP26_ctry

Valuing Love Economies

- Larger unpaid traditional sectors, caring, sharing, mutual aid, barter.
- Traditional values: Golden Rule
- Humans always used money: shells, wampum, string, etc.
- Humans always traded and exchanged in local markets and extended network relationships.
- As societies grew, money, and markets extended, price-based exchange economics weaponized these tools, mis-used mathematics.
- Economics is mostly serving power elites.

SHIFTING SYSTEMS FOR VALUATION OF ASSETS

Currency-traded on traditional markets	Digital assets bartered traded virtually/locally
<ul style="list-style-type: none"> • Valuation based on prices (historical-measure of human ignorance) • “Materiality” misses growth of IP and knowledge-as “intangible” or “good will” • Also GDP (omits, IT, unpaid production; classifies education as “consumption”. No asset account for tax-funded infrastructure-only carried as “debt” 	<ul style="list-style-type: none"> • Information-based, local • Services, virtual, mutual aid • Brands, patents, platforms, URLs, internet-business models • Capital light-Social-Community • Cryptocurrencies (Coinbase) • Challenging central banks, (Libra) • Traded informally in private liquidity networks virtually

Boxed-In Financial Markets: Pressures On All Sides For Reform

195 Nations ratify new model of SDGs, COP21, 22 and International National Development Commitments (INDCs)

Social impact, responsible investors, SRI, ESG, asset managers, fossil-free and positive impact portfolios, metrics, endowments, pension funds, UNPRI, Global Compact, IIRC, SASB, CIMA

**TRADITIONAL
LEGACY
BANKING
and
FINANCIAL
MARKETS**

Climate Change Activism, 350.org, Divesting Movements, Public Demonstrations, Driven Scientific Consensus on Carbon "Budget" Below 2°C

Financial Innovation, Fintech 100, Startups, Electronic Platforms for Peer-2-Peer Lending, Crowdfunding, Local and Cryptocurrencies, Robo-Investing, Information-Based Trading, Barter, Swaps, Secondhand Markets, Cellphone Banking (e. g. M-Pesa) Electronic Remittances and Payment Systems.

Transitioning to Science-Based Investing



Free download at:
www.ethicalmarkets.com

[2019-2020 Green Transition Scoreboard® Report](#)
[“Transitioning To Science-Based Investing”](#)

INCLUDES:

Renewable Energy
Energy Efficiency
Life Systems, including Water
Green Construction
Corporate Green R&D

Excludes: nuclear, coal, CCS, ag-biofuels

Thank You!

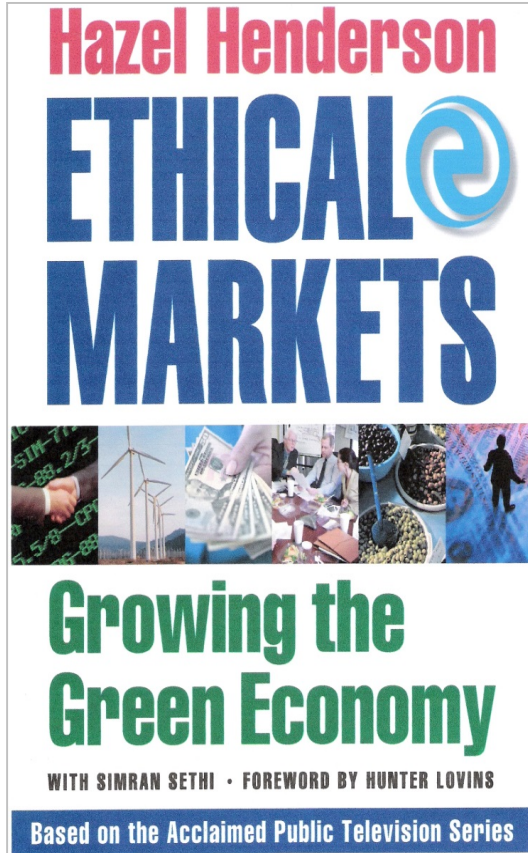
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