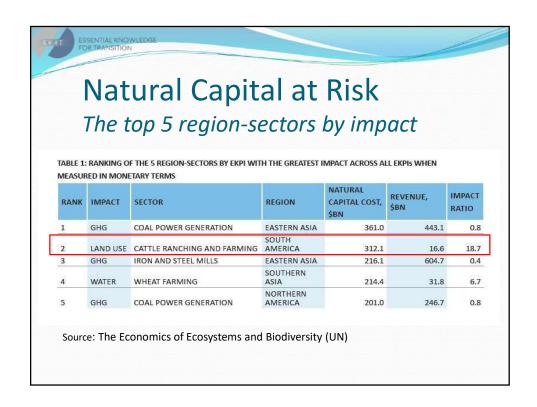
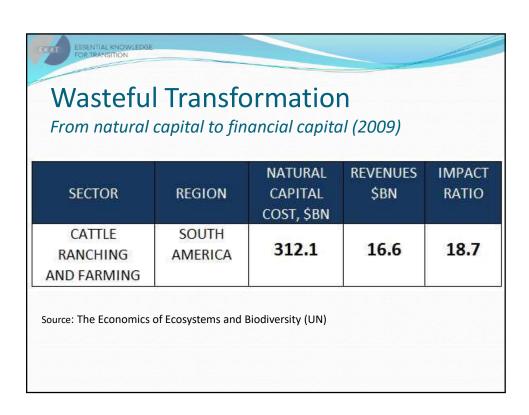




Natural Capital at Risk The top 100 externalities of business

- April 2013 study by The Economics of Ecosystems and Biodiversity (UN) conducted by TruCost
- measuring unpriced natural capital:
 - Water use
 - Land use
 - Waste
 - Land and Air pollution
 - Green house Gas (GHG) emission







Wasteful Transformation

From natural capital to financial capital (2009)

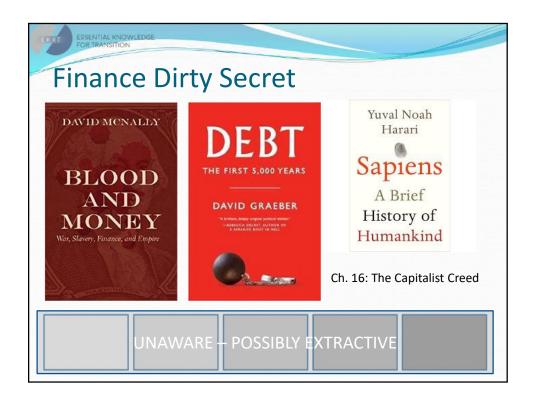
- The 20 top impact region-sectors used \$3.2T of natural capital to generate \$2.4T of revenues
- None of them were profitable if they accounted for their use of natural capital
- The top 1000 region-sectors used unpriced natural capital worth \$7.3T

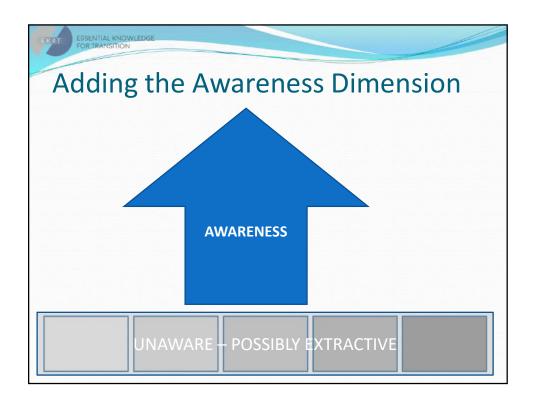


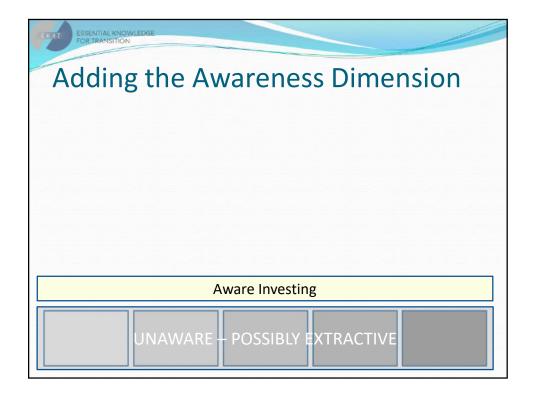
Wasteful Transformation

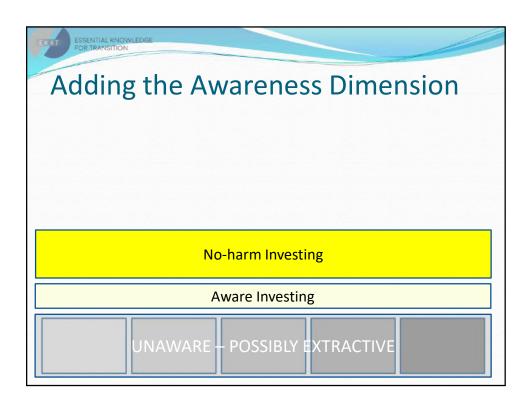
Let's pause and put this number in context

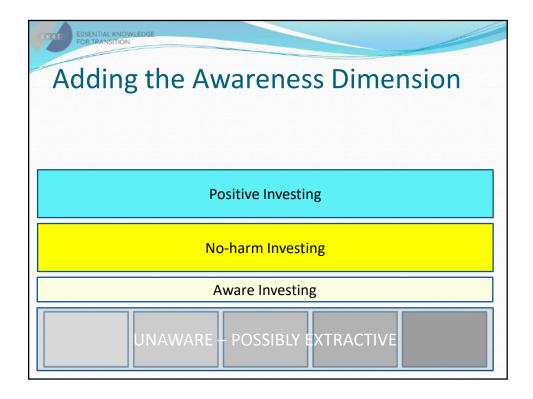
- •\$ 7,000,000,000,000
- Humans used \$7.3T of unpriced natural capital in 2009
- The World GDP in 2009 was about \$70T
- Growth rate of GDP in the prior 5 years was about 4.6%
- We humans are treating Nature as a business in liquidation!

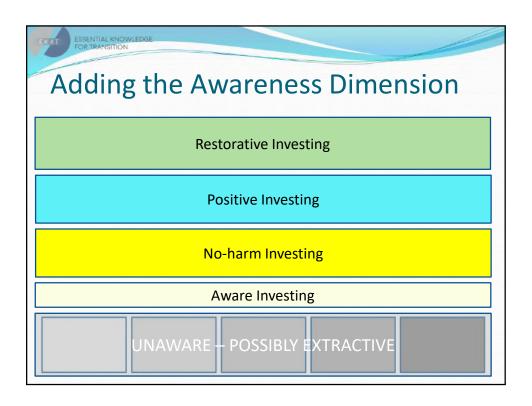


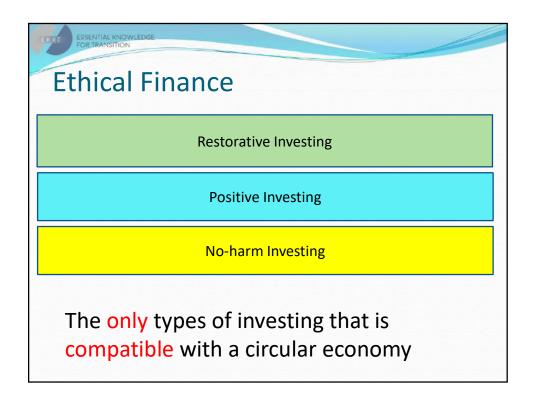




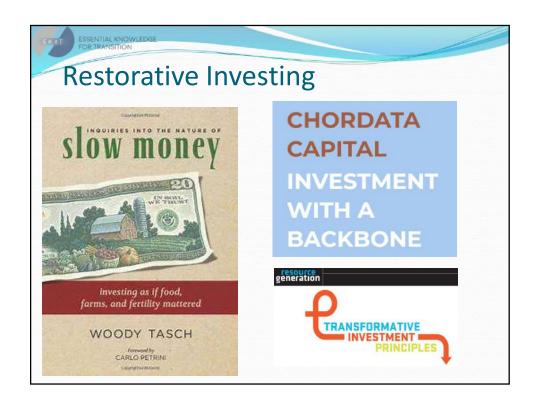


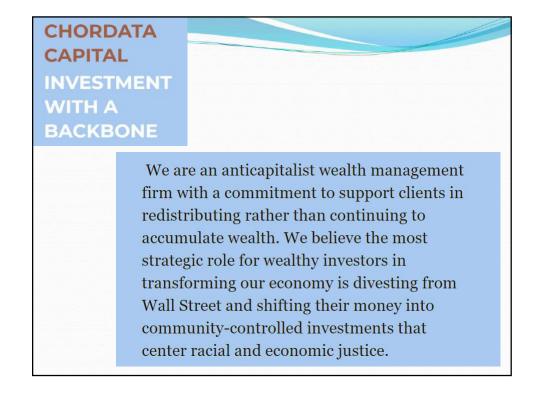














Resources and Links

- TEEB study Natural Capital at Risk: The Top 100
 Externalities of business https://ek4t.com/wp-content/uploads/2014/10/Natural-Capital-at-Risk.pdf
- Seed Commons https://seedcommons.org/
- Slow Money https://slowmoney.org/
- Chordata Capital https://chordatacapital.com/
- Resource Generation Transformative Investment
 Principles https://resourcegeneration.org/transformative-investment-principles/
- Essential Knowledge for Transition https://ek4t.com/



Towards Aware and No-Harm Investing course – May 2021

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