Scorecarding Doughnut Economics

A Triple Bottom Line Measurement and Reporting System for Regional Economies and Other Human Social Systems Committed to Sustainability & Doughnut Economics

A Brief Introduction by the Center for Sustainable Organizations
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Executive summary

• Introduced by Kate Raworth in 2012, the *Doughnut Economics* model integrates social, economic and environmental thresholds that economies and other human social systems must abide by in order to be sustainable as earlier expressed in/by (among others):
  – *Inner and Outer Limits* (Ward, 1976)
  – *The Ecological Footprint Method* (Wackernagel, 1994)
  – *Planetary Boundaries* (Rockstrom et al, 2009)

• Much progress has been made to assess performance in these terms in organizations, but less so at the broader economic or societal level

• Here we demonstrate use of the *MultiCapital Scorecard* to help close that gap
Doughnut Economics
(the book and the model)

Chelsea Green Publishing
(2017)
The MultiCapital Scorecard is an open-source solution, endorsed by the United Nations for global use!
MCS is a proven tool at the macro level

In 2017, we worked with E&Y to apply the MCS at the country level to pilot, test and evaluate it as a tool for assessing the well-being of nations before, during and after the onset of technological revolutions … … out of which came the production of national Triple Bottom Line MultiCapital Scorecards for four countries: U.S., Argentina, Rwanda and Estonia
### The MultiCapital Scorecard Configured for Doughnut Economics (with sample scores)

#### Vital capitals:
- Natural
- Constructed
- Human
- Social & Relationship

#### BOTTOM LINES AREAS OF IMPACT CAPITAL IMPACTS

<table>
<thead>
<tr>
<th>GRAND TOTALS &amp; TBL SCORE</th>
<th>116</th>
<th>136</th>
<th>348</th>
<th>39%</th>
</tr>
</thead>
</table>

#### Progression Performance Scores
- A

#### Weightings (1-5)
- B

#### Weighted Scores (AxB)
- C

#### Fully Sustainable Scores (Bx3)
- D

#### Gaps to Fully Sustainable (D-C)
- Individual Areas of Impact Scores (C/D)

#### TRIPLE BOTTOM LINE (TBL) SCORES

### Indicators in the Doughnut Economics model

1. Population without access to improved water.
2. Population without access to improved sanitation.
3. Population scoring <50 on Corruption Perceptions Index.
4. Population with homicide rate of >10 per 10,000.
5. Gap between women and men in parliaments.
7. Proportion of young people not able to find work.
8. Earnings gap between women and men.

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Scoring performance in the MCS

Performance is scored in the MCS by assessing progress relative to achievement of sustainability norms for each Area of Impact …

... using a 7-point Progression Performance scale

Impact scores are then weighted and compared to the best possible scores in each case: scores that equal best possible = +100%; scores that equal worst possible = -100%
The theory behind the MCS

• The MultiCapital Scorecard (MCS) is a Triple Bottom Line implementation of Context-Based Sustainability
  – Assesses impacts on the carrying capacities of vital resources in the world (capitals) relative to levels required to ensure human well-being
  – Thereby determines the well-being of a population by measuring its own sustainability performance

• Context-Based Sustainability is fundamental to managing for sustainability
  – It is directly implied by all approaches that call for recognition of (a) limits in natural resources in the world (natural capitals), and (b) the importance of maintaining sufficiency in the others (human, social, constructed and economic capitals)
  – Humans rely on these capitals for their well-being

• Thus, sustainability management is capital impact management, an insight taken from multicapitalism!
The MultiCapital Scorecard is an open-source tool … use it!

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