

## CHAPTER 42: SUSTAINABLE HARMONY

1. Partha Dasgupta, cited in Wijkman, A., & Rockström, J. (2013), *Op. cit.*, p. 125.
2. Wijkman, A., & Rockström, J. (2013), *Op. cit.*, p. 37.
3. *Ibid.*
4. Stern, N., *The Economics of Climate Change: The Stern Review*, Cambridge University Press, 2007.
5. Daly, H. E., *Beyond Growth: The Economics of Sustainable Development*, Beacon Press, 1997.
6. Jackson, T., *Prosperity Without Growth: Economics for a Finite Planet*, Routledge, 2010.
7. *Ibid.*
8. Speth, J. G., *The Bridge at the Edge of the World: Capitalism, the Environment, and Crossing from Crisis to Sustainability*, Yale University Press, 2009.
9. *Le Monde*, June 9, 2009.
10. Costanza, R., Kubiszewski, I., Giovannini, E., Lovins, H., McGlade, J., Pickett, K. E.,... Wilkinson, R. (2014). Time to leave GDP behind. *Nature*, (505), 283–285.
11. Kuznets, S., “National Income, 1929–1932,” 73rd Congress, 2nd session, Senate document no. 124, 1934, p. 7.
12. Kuznets, S. How to judge quality. *New Republic*, October 20, 1962, pp. 29–32.
13. Seligman, M., *Flourish*, Belfond, 2013. Kindle locations 4829–4854; Diener, E., & Seligman, M. E. (2004). Beyond money toward an economy of well-being. *Psychological Science in the Public Interest*, 5(1), 1–31.
14. Personal communication, Dasho Karma Ura of the Centre for Bhutan Studies & GNH Research, <http://www.bhutanstudies.org.bt/>. See also the GNH Centre, <http://www.gnhbhutan.org/>.
15. Kennedy, R. Speech on March 18, 1968, at the University of Kansas. In *The Gospel According to RFK*, Westview Press, p. 41.
16. Including Herman Daly, Robert Costanza, Manfred Max-Neef, and Charles Hall, as well as progressive economists like Joseph Stiglitz, Nicholas Stern, Dennis Snower, Partha Dasgupta, and Amartya Sen.

17. Their studies are summarized in Miringoff, M. L., & Miringoff, M.-L., *The Social Health of the Nation: How America is Really Doing*, Oxford University Press, 1999.
18. Daly, H. E., Cobb, Jr., J. B., & Cobb, C. W., *For the Common Good: Redirecting the Economy toward Community, the Environment, and a Sustainable Future*, Beacon Press, 1994.
19. The Bhutanese do, however, slaughter animals for meat, and only a small number of them are vegetarian. Former kings used to engage in hunting as a form of special privilege, but that practice has now been abandoned.
20. H. E. Lyonchen Jigme Thinley, personal communication.
21. Up to the end of the nineteenth century, Bhutan was a federation of small provinces overseen by a central government. The first king, Ugyen Wangchuck, reigned from 1907 to 1952. Bhutan joined the United Nations in 1971. In 2006, the fourth king, Jigme Sengye Wangchuck, announced his intention to introduce democracy, abdicating in favor of his son, Jigme Khesar Namgyel Wangchuck, who in 2010 became the fifth king at the head of a constitutional monarchy similar to the British monarchy.
22. Cited in Jyoti Thottam. The pursuit of happiness. *Time*, October 22, 2012, p. 49.
23. The discussions can be viewed on the site <http://www.gnhc.gov.bt/2012/04/un-webcast-on-happiness-and-wellbeing-high-level-panel-discussion/>. My modest contribution occurs at 1:58:30 of Part 1.
24. Among them the Nobel Prize winner Daniel Kahneman, Joseph Stiglitz, and George Akerlof, the economists Jeffrey Sachs and Richard Layard, along with eminent scientists including Richard Davidson, Daniel Gilbert, Martin Seligman, Robert Putnam, John Helliwell, and many others.
25. Wijkman, A., & Rockström, J. (2013). *Op. cit.*, p. 3.
26. H. E. Lyonchen Jigme Thinley, “Bhutan will be the first country with expanded capital accounts.” Press conference at the occasion of the release of the first national accounts factoring in natural, social, and human capital, February 10, 2012.
27. Meda, D., *Au-delà du PIB: Pour une autre mesure de la richesse*, Flammarion, 2008, p. 98.
28. Say, J. B., *Traité d'économie politique, ou simple exposition de la manière dont se forment, se distribuent, et se consomment les richesses*, Adamant Media, 2001 (original edition, 1803).
29. Wijkman, A., & Rockström, J. (2013). *Op. cit.*, pp. 132–133.
30. *Ibid.*, p. 3.

31. Article 9, section 2, of the Constitution of the Kingdom of Bhutan reads, “The State shall strive to promote those conditions that will enable the pursuit of Gross National Happiness.”
32. Interview with Lyonchen Tshering Topgay by Jo Cofino for the *Guardian*, April 2014.
33. Lambin, É., *Une écologie du bonheur*, Le Pommier, 2009. Éric Lambin shares his time between the Georges-Lemaître Centre for Earth and Climate Research, the Université catholique de Louvain, and the School of Earth Sciences at Stanford University, California.
34. Zidanssek, A. (2007). Sustainable development and happiness in nations. *Energy*, 32(6), 891–897. Cited in Lambin, É. (2009). *Op. cit.*, p. 38.
35. Kellert, S. R., & Wilson, E. O., *The Biophilia Hypothesis*, Island Press, 1995.
36. Lambin, É. (2009). *Op. cit.*, p. 51.
37. Ulrich, R. (1984). View through a window may influence recovery. *Science*, 224, 224–225. Cited in Lambin, É. (2009). *Op. cit.*, p. 52.
38. Rifkin, J. (2012). *The Third Industrial Revolution*. *Op. cit.*, p. 380.