

Supplementary Information to:  
Time to leave GDP behind (Comment in *Nature* 505, 283–285; 2014)

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Table S1. Some alternative National Indicators of Welfare and Well-Being.

Indicator	Type	Units	Domains	Indicators	Explanation	Area coverage	Temporal Coverage	References	Website
<b>Index of Sustainable Economic Welfare (ISEW) and Genuine Progress Indicator (GPI)</b>	GDP modification	\$	4	26	Personal Consumption Expenditures weighted by income distribution, with volunteer and household work added and environmental and social costs subtracted.	17 countries, several states and regions	1950-various	1-3	<a href="http://genuineprogress.net/">http://genuineprogress.net/</a>
<b>Genuine Savings</b>	Income accounts modification	\$	3	5	level of saving after depreciation of produced capital; investments in human capital ; depletion of minerals, energy, and forests; and damages from local and global air pollutants are accounted for	140 countries	1970-2008	4,5	<a href="http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/ENVIRONMENT/EXT/EEI0_contentMDK:20502388-me nuPK:1187778-pagePK:148956-piPK:216618-theSitePK:408050,00.html">http://web.worldbank.org/WBSITE/EXTERNAL/TOPICS/ENVIRONMENT/EXT/EEI0_contentMDK:20502388-me nuPK:1187778-pagePK:148956-piPK:216618-theSitePK:408050,00.html</a>
<b>Inclusive Wealth Index</b>	Capital accounts modification	\$	4	8	Asset wealth including, built, human, and natural resources	20 countries	1990-2008	6	<a href="http://www.ihdp.unu.edu/article/iwr">http://www.ihdp.unu.edu/article/iwr</a>
<b>Australian Unity Well-Being Index</b>	Survey-based index	Index #	14	14	Annual survey of various aspects of well-being and quality of life	Australia	2001-present	7	<a href="http://www.deakin.edu.au/research/acqpl/auwbi/index.php">http://www.deakin.edu.au/research/acqpl/auwbi/index.php</a>
<b>World Values Survey</b>	Survey-based index	Index #	10	100's	Periodic (5 "waves" so far) survey of a broad range of variables. Most used for international comparisons is ranking of "how satisfied are you with your life?" question.	73 countries	1981-2008 intermittent	8,9	<a href="http://www.wvsevsdb.com">http://www.wvsevsdb.com</a>
<b>Gallup-Healthways Well-Being Index</b>	Survey-based index	Index #	6	39	Annual survey in six domains: live evaluation, physical health, emotional health, healthy behavior, work environment, and basic assets	50 states in US	2008-present	10	<a href="http://www.well-beingindex.com/">http://www.well-beingindex.com/</a>
<b>Gross National Happiness</b>	Survey-based index	Index #	9	33	Detailed in-person survey around nine domains: psychological well-being, standard of living, governance, health, education, community vitality, cultural diversity, time use, and ecological diversity	Bhutan	2010	11	
<b>Human Development Index (HDI)</b>	Composit Index	Index #	3	4	Index of GDP/person, spending on health and education, and life expectancy	177 countries	1980-present	12	<a href="http://hdr.undp.org/en/">http://hdr.undp.org/en/</a>
<b>Happy Planet Index</b>	Composit Index	Index #	3	3	HPI = subjective well being * life expectancy / ecological footprint	153 countries	3 yrs	13,14	<a href="http://www.happyplanetindex.org/">http://www.happyplanetindex.org/</a>
<b>Canadian Index of Well-Being</b>	Composit Index	Index #	8	80	Includes community vitality, democratic engagement, education, environment, population, leisure, living standards, and time use	Canada	1994-present	15	<a href="https://uwaterloo.ca/canadian-index-wellbeing/">https://uwaterloo.ca/canadian-index-wellbeing/</a>
<b>National Well-Being Index</b>	Composit Index	Index #	5	5	proxies for built, human, natural and social capital with weights based on regression with subjective well-being	56 countries	1 yr	16,17	
<b>OECD Better Life Index</b>	Composit Index	Index #	11	25	Includes housing, income, jobs community education, environment, civic engagement, health, life satisfaction, safety, and work-life balance	36 OECD countries	1 yr	18,19	<a href="http://www.oecdbetterlifeindex.org">http://www.oecdbetterlifeindex.org</a>
<b>Well-Being of Nations</b>	Composit Index	Index #	20	63	63 indicators in 20 domains weighted and ranked	180 countries	1990-2000	20	<a href="http://sedac.ciesin.columbia.edu/data/set/cesic-wellbeing-of-nations">http://sedac.ciesin.columbia.edu/data/set/cesic-wellbeing-of-nations</a>
<b>Sustainable Society Index</b>	Composit Index	Index #	5	22	22 indicators in 5 domains ranked with various weightings	150 countries	2 yrs	21	<a href="http://www.ssfindex.com/">http://www.ssfindex.com/</a>

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## Planetary Boundaries

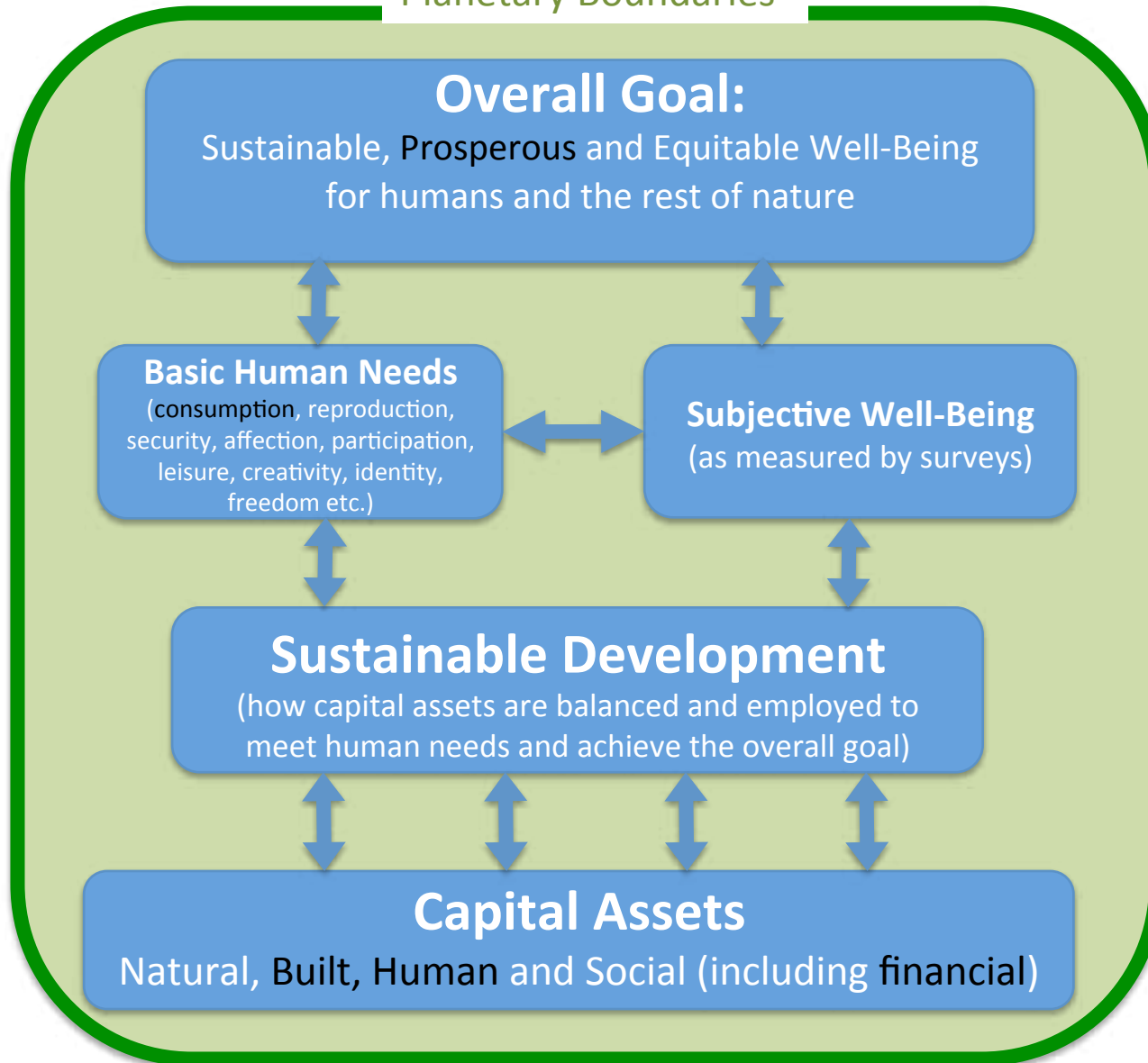


Figure S1. Relationship between the overall goal of sustainable well-being and the subjective and objective elements that contribute to it. Only the items in black are currently partially picked up in GDP. Double-headed arrows indicate that influences go in both directions and that all elements are interconnected. Source: [www.asap4all.org](http://www.asap4all.org)