

## Appendix 1: Social and biophysical indicators with thresholds

Social indicators	
Indicators	Thresholds
Life satisfaction	6.5 on 0-10 Cantril ladder scale
Healthy life expectancy	65 years
Nutrition	2 700 kilo-calories per person per day
Sanitation	95% of people have access to improved sanitation facilities
Income	95% of people earn above US\$1.90 a day
Access to energy	95% of people have electricity access
Education	95% enrollment in secondary school
Social support	90% of people have friends or family they can depend on
Democratic quality	0.80 on -2.5-2.5 scale (approximated US/UK values)
Equality	70 on 0-100 scale (Gini index of 0.30)
Employment	94% employed
Biophysical indicators	
Indicators	Thresholds (per capita)
CO <sub>2</sub> emissions	1.61 tCO <sub>2</sub> .yr <sup>-1</sup>
Phosphorus	0.89 kgP.yr <sup>-1</sup>
Nitrogen	8.9 kgN.yr <sup>-1</sup>
Blue water	574 m <sup>3</sup> .yr <sup>-1</sup>
eHANPP	2.62 tC.yr <sup>-1</sup>
Ecological footprint	1.72 gha.yr <sup>-1</sup>
Material footprint	7.2 t.yr <sup>-1</sup>

Table A1.1: The 11 social and 7 biophysical indicators with their thresholds (modified from O'Neill et al. (2018)).