Appendix 1. Sub-systems and sub-goals of the SDGs

4 Sub-systems	Sustainable Development Goals	Sub-goals
1. Society	SDG 1: End poverty in all its forms everywhere	
	SDG 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture Mapped as SDG 2 (i) Food security and nutrition; and SDG 2(ii) sustainable agriculture	SDG 2(i) included in 'Society' sub-system
	SDG 3: Ensure healthy lives and promote well-being for all at all ages.	Mapped as a health goal. Though well-being is in the title the Targets of SDG 3 refer to health in a narrow sense and not well-being more broadly.
	SDG 4: Ensure inclusive and equitable quality education and promote lifelong learning and opportunities for all.	
	SDG 5: Achieve gender equality and empower all women and girls	
	SDG 6: Ensure availability and sustainable management of water and sanitation for all Mapped as SDG 6(i) Water availability and sustainable management and SDG (ii) Sanitation.	SDG 6(ii) included in 'Society' sub-system.
	SDG 10: Reduce inequality within and among countries	
	SDG 11: Make cities and human settlements inclusive, safe, resilient and sustainable.	
	SDG 16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels. Mapped as SDG16(i) Peaceful and inclusive societies for sustainable development; SDG 16 (ii) access to justice for all and effective, accountable and inclusive institutions at all levels	SDG 16(i) included in 'Society' sub-system.
	SDG 17: Strengthen the means of implementation and revitalise the global partnership for sustainable development. Mapped as SDG 17(i) Strengthen means of implementation and SDG 17(ii) Revitalise the Global partnership for sustainable development	Goal 17(ii) included in 'Society' sub-system.
2. Economy	SDG 2: End hunger, achieve food security	Goal 2 (ii) included in 'economy'

	and improved nutrition and promote sustainable agriculture Mapped as SDG 2 (i) Food security and nutrition; and SDG 2(ii) sustainable agriculture	sub-system.
	SDG 7: Sustainable Energy	
	SDG 8: Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. Mapped as SDG 8(i) sustained, inclusive and sustainable economic growth and SDG 8(ii) full and productive employment and decent work.	Both included in 'economy' sub-system but separated to explore links and influences across each.
	SDG 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation. Mapped as SDG 9 (i) resilient infrastructure; (ii) inclusive and sustainable industrialisation; (iii) innovation.	All included in 'economy' sub-system but separated to explore links and influences across the 3.
	SDG12: Ensure sustainable consumption and production patterns.	
3. Natural Environment	SDG6: Ensure availability and sustainable management of water and sanitation for all Mapped as SDG 6(i) Water availability and sustainable management and SDG 6 (ii) Sanitation.	SDG 6(i) included in 'environment' sub-system.
	SDG13: Take urgent action to combat climate change and its impacts	
	SDG 14: Conserve and sustainably use the oceans, seas and marine resources for sustainable development.	
	SDG15: Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.	
4. Governance	SDG16: Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels. Mapped as SDG 16(i) Peaceful and inclusive societies for sustainable development; SDG 16 (ii) access to justice for all and effective, accountable and inclusive institutions at all levels	SDG 16 (ii) included in the 'governance' sub-system.
	SDG 17: Strengthen the means of	SDG 17 (i) included in the

	implementation and revitalise the global partnership for sustainable development. Mapped as SDG 17(i) Strengthen means of implementation and SDG 17(ii) Revitalise the Global partnership for sustainable development	'governance' sub-system'