

<p>Climate change due to human-induced build up of carbon dioxide (CO2) in the atmosphere</p>	<p>Zero Carbon</p>	<p><i>Achieve net CO2 emissions of zero from OPL developments</i> Implement energy efficiency in buildings and infrastructure; supply energy from on-site renewable sources, topped up by new off-site renewable supply where necessary.</p>
<p>Waste from discarded products and packaging create a huge disposal challenge while squandering valuable resources</p>	<p>Zero Waste</p>	<p><i>Eliminate waste flows to landfill and for incineration</i> Reduce waste generation through improved design; encourage re-use, recycling and composting; generate energy from waste cleanly; eliminate the concept of waste as part of a resource-efficient society.</p>
<p>Travel by car and airplane can cause climate change, air & noise pollution, and congestion</p>	<p>Sustainable Transport</p>	<p><i>Reduce reliance on private vehicles and achieve major reductions of CO2 emissions from transport</i> Provide transport systems and infrastructure that reduce dependence on fossil fuel use, e.g., by cars and airplanes. Offset carbon emissions from air travel and perhaps car travel.</p>
<p>Destructive patterns of resource exploitation and use of non-local materials in construction and manufacture increase environmental harm and reduce gains to the local economy</p>	<p>Local and Sustainable Materials</p>	<p><i>Transform materials supply to the point where it has a net positive impact on the environment and local economy</i> Where possible, use local, reclaimed, renewable and recycled materials in construction and products, which minimises transport emissions, spurs investment in local natural resource stocks and boosts the local economy.</p>
<p>Industrial agriculture produces food of uncertain quality and harms local ecosystems, while consumption of non-local food imposes high transport impacts</p>	<p>Local and Sustainable Food</p>	<p><i>Transform food supply to the point where it has a net positive impact on the environment, local economy and peoples' well-being</i> Support local and low impact food production that provides healthy, quality food while boosting the local economy in an environmentally beneficial manner; showcase examples of low-impact packaging, processing and disposal; highlight benefits of a low-impact diet.</p>
<p>Local supplies of freshwater are often insufficient to meet human needs due to pollution, disruption of hydrological cycles and depletion of existing stocks</p>	<p>Sustainable Water</p>	<p><i>Achieve a positive impact on local water resources and supply</i> Implement water use efficiency measures, re-use and recycling; minimise water extraction and pollution; foster sustainable water and sewage management in the landscape; restore natural water cycles.</p>
<p>Loss of biodiversity and habitats due to development in natural areas and overexploitation of natural resources</p>	<p>Natural Habitats and Wildlife</p>	<p><i>Regenerate degraded environments and halt biodiversity loss</i> Protect or regenerate existing natural environments and the habitats they provide to fauna and flora; create new habitats.</p>
<p>Local cultural heritage is being lost throughout the world due to globalisation, resulting in a loss of local identity and wisdom</p>	<p>Culture and Heritage</p>	<p><i>Protect and build on local cultural heritage and diversity</i> Celebrate and revive cultural heritage and the sense of local and regional identity; choose structures and systems that build on this heritage; foster a new culture of sustainability.</p>
<p>Some in the industrialised world live in relative poverty, while many in the developing world cannot meet their basic needs from what they produce or sell</p>	<p>Equity and Fair Trade</p>	<p><i>Ensure that the OPL community's impact on other communities is positive</i> Promote equity and fair trading relationships to ensure the OPL community has a beneficial impact on other communities both locally and globally, notably disadvantaged communities.</p>
<p>Rising wealth and greater health and happiness increasingly diverge, raising questions about the true basis of well-being and contentment</p>	<p>Health and Happiness</p>	<p><i>Increase health and quality of life of OPL community members and others</i> Promote healthy lifestyles and physical, mental & spiritual well-being through well-designed structures and community engagement measures, as well as by delivering on social and environmental targets.</p>