



The Beyond Report

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| Project Name | UK-GBC - fit out (TEST REPORT) |
| Client | UK-GBC |
| Cundall Role | Sustainability Consultants |
| Date | 01/06/17 |



Key actions that can be taken to make this project more sustainable



Health and Happiness

Encouraging active, social, meaningful lives to promote good health and wellbeing

One Planet Goals

- To increase or support high levels of physical, social, mental and emotional health
- To increase or support high levels of happiness and wellbeing

Guidance extract

One Planet Communities and Destinations make it easy for all residents, workers or guests to keep healthy and active at all ages. They are places where residents feel part of a safe, inclusive, neighbourly and supportive community. Key determinants of health and happiness include diet, exercise, interpersonal relationships, meaningful work and involvement in community and civic life. They also include a safe environment, interaction with nature, greater equity, and opportunities for spiritual and artistic practice, and shared values.

| | Initiative | Goal | Details - how it works / benefits | Examples of how this is may be implemented | Possible synergies |
|---|--|--|--|--|--------------------|
| 1 | Healthy interiors - cleaning | Increase or support high levels of physical, social, mental and emotional health | Traditional cleaning chemicals often have unpleasant health impacts. Maintain healthy interior environments through the provision of low emission and non-toxic cleaning products. | Require products to be eco-label certified e.g. Green Seal, EcoLogo. You may provide a list of compliant products, and/or include eco-label requirements in the procurement requirements. | Land and Nature |
| 2 | Biophilia | Increase or support high levels of happiness and wellbeing | Biophilia is the innate connection humans have to nature. Studies have shown the benefits of exposure to views and images of nature, such as positive impact on energy levels and well-being and increased healing and recovery time in healthcare environments. | Incorporate pictures, sounds or natural elements in design such as: water fountains, indoor gardens, plants, patterns of nature (e.g. honeycomb acoustic tiles) or use of natural materials such as timber and stone. | Land and Nature |
| 3 | Human-centric lighting This is also referred to as Circadian Lighting, Biodynamic Lighting and Tuneable White | Increase or support high levels of physical, social, mental and emotional health | Lighting can affect our health and wellbeing through its impact on physiological rhythms (which can impact sleep), and has been known to decrease recovery time in hospitals. Consider how health and wellbeing can be improved through lighting design. | Daylight should be considered as the principal means of achieving HCL - consider the position and view of the staff to maximise the delivery of HCL from daylight, and introduce additional daylight delivery systems to achieve the required equivalent melanopic lux to all working positions. If the space does not have good access to daylight, it can be supplemented with appropriate tuneable white lamps which deliver a combination of cool white and warm white to follow the colour temperature of the sky. Be aware that this is a relatively new topic in the field of lighting design and more research is currently underway. Refer to WELL Standard Feature 54. Consult a suitably qualified lighting designer. | Zero Carbon Energy |



Equity and Local Economy

Creating safe, equitable places to live and work which support local prosperity and international fair trade.

One Planet Goals

- To promote diversity and equality of opportunity across all abilities, gender, race, age and sexual orientation
- To create a vibrant and resilient economy where a significant proportion of money is spent locally
- To promote international trade that is conducted fairly and without exploitation

Guidance extract

One Planet Communities and Destinations celebrate diversity and foster a sense of inclusion. They recognise the needs of local people, elderly people, young people, people with disabilities, single people and families. The needs of low-income groups are considered whether it be through providing affordable housing or employment opportunities in the green economy.

| | Initiative | Goal | Details - how it works / benefits | Examples of how this is may be implemented | Possible synergies |
|---|---|--------------------------------|---|--|------------------------|
| 1 | Sustainable procurement policy | Fairtrade | A sustainable procurement policy can apply to goods or services, in construction and/or operations. Such a policy should address trade, local purchasing and opportunities for minority or disadvantaged groups. | Develop and implement sustainable procurement policy for both the construction and the operation of the project. This should cover social and environmental risks and opportunities within the supply chain. | Materials and Products |
| 2 | Support not-for-profit organisations and fair trade produce | Fairtrade | Construction materials such as timber have numerous "Fairtrade" related schemes for purchasing, including FSC full chain of custody certification. Alternatively, not-for-profits can provide services such as social housing or 2nd hand goods on-selling. | Procure Fairtrade only, or similar. | |
| 3 | Liveable wage | Promote diversity and equality | Liveable wages (not to be confused with minimum wage) promote equality by ensuring that the person receives a wage which is enough to maintain a normal standard of living. | The development could decide to be a 'Living Wage' project, ensuring that all those involved with the design, construction and operation of the development (including sub-contractors) are paid a living wage. This would be included as a clause within all business's contracts who are engaged on the project. | |