

## One Planet Living

The One Planet Living framework aims to conserve the earth's resources and tackle emerging climate and ecological crisis. Integrating sustainability into construction projects is key to achieving this. For this reason, One Planet living has been adopted and promoted onsite. A number of commitments have been made by the site and are outlined below in the areas of

- Health and Happiness
- Equity and Local Economy
- Culture and Community
- Land and Nature
- Sustainable Water
- Local and Sustainable Food
- Travel and Transport
- Zero Waste
- Zero Carbon Energy




## Feedback


Our commitment to these areas has been received very well by the community and potential tenants of the office blocks. The signage and KPIs displayed on our community notice board displays our targets in terms of One Planet Living. Feedback from the client has shown our participation is being received very positively by potential tenants. Also feedback from the public who viewed our site notice board has been positive also.

## KPIs displayed onsite


In order to communicate our targets to everyone onsite and also promote One Planet living to subcontractors the Key Progress Indicators set for Bonham Quay are on display in the site canteen. This ensures everyone is working towards the same goal and the commitments of the site are established.



A framework by Bioregional



**ONE PLANET LIVING AT  
BONHAM QUAY**



Health and Happiness	
<b>Overall Aim</b>	A construction site that protects and supports the health and happiness of site operatives and the public.
<b>Proposed Targets</b>	Considerate Constructors Scheme (CCS) score target of 37 Medical check to be conducted on site - 70% of operatives on site at that time to attend - Construction Workers Health Trust (CWHT) Zero LTI's / reportable accidents and zero dangerous occurrences.
<b>Policy/associated documents</b>	CCS LTI's / reportable accidents and zero dangerous occurrences, Sisk LTI's / reportable accidents and zero dangerous occurrences, Sisk LTI's / reportable accidents and zero dangerous occurrences, Sisk LTI's / reportable accidents and zero dangerous occurrences.
<b>Commitments</b>	CWHT to attend site to perform health checks Dust suppression to control dust levels when required Daily visual inspections No more working past 6pm at night unless agreed with City Council Offer free fruit in the site canteen Issue high number of grab tickets for the Behavioural Code Promotion of Sisk Wellbeing Calendar Record and respond to complaints and enquiries from the public
<b>KPIs</b>	Overall CCS score % site operatives attend medical check - CWHT Reporting LTI's / reportable accidents, and zero dangerous occurrences.

Equity and Local Economy	
<b>Overall Aim</b>	The project team will favour local businesses and SMEs, employ local people and pay the National Living Wage to all.
<b>Proposed Targets</b>	At least 50% of construction companies and suppliers will be local (within 50km) during construction, to enable job creation and economic benefits to the local community. At least 50% of direct Sisk suppliers expenditure will be with SMEs to support small and growing businesses in the industry. Aim for 75% of the workforce employed from within a 50-km radius. Every Subcontractor that works on-site will pay at least the Living Wage to its entire workforce.
<b>Policy/associated documents</b>	Responsible Procurement Policy
<b>Commitments</b>	Pay the Living Wage to counteract Modern Slavery and tackle 'working poverty'. Inclusion of SME/local suppliers Guest Lecture at local 3rd Level Institute (Galway-Mayo Institute of Technology (GMIT) on 'Sustainable Construction') Collaboration with GMIT & EPA, using Sisk practices on site as a case study for an EPA funded GMIT project. This will be the main aim of which is the preparation of a Resource Efficiency and Material Circular Protocol for the Sisk Construction Sector. Site will be made available to local 2nd and 3rd level students for introduction to the industry.
<b>KPIs</b>	% local SMEs living within 50km Spent with SMEs as a % of supplier expenditure % Local businesses and contractors Proportion of expenditure within the supply chain paying the Living Wage No. of 2nd and 3rd level students visiting site

Culture and Community	
<b>Overall Aim</b>	The site will form strong links with the community and support operatives to think about their own impacts.
<b>Proposed Targets</b>	2 visits by Number of School / College per year A score of 28 in the Community section of the CCS
<b>Policy/associated documents</b>	Internal Social Value Portal, CCS
<b>Commitments</b>	The site will form strong links with the local community by engaging with groups and charities. Conduct community feedback questionnaire Dedicated CCS Champion on site To collaborate with Client with their chosen Project Charity To collaborate with Client with the Promotion of OPL during Galway City of Culture 2020
<b>KPIs</b>	Score in the community section of the CCS Number of School / College Visits Donations / volunteer hours

Land and Nature	
<b>Overall Aim</b>	The site will demonstrate commitment to conservation by scoring at least a 2+ in the CCS Environment Category.
<b>Proposed Targets</b>	A score of at least 27 in the Environment section of the CCS Zero reportable Environmental incidents
<b>Policy/associated documents</b>	CCS Report, CCS Action Plan / CCS Evidence workbook, Sustainability, Energy and Environmental Plan, Assets Register
<b>Commitments</b>	Assess environmental risk through Assets Register and Sustainability, Energy and Environmental Plan. Initiations to include environmental requirements Dedicated Environmental Champion on site Score Environmental section of CCS Visit Environmental incidents recorded
<b>KPIs</b>	

Sustainable Water	
<b>Overall Aim</b>	The site will minimise consumption of potable water and collect rainwater for use.
<b>Proposed Targets</b>	<€63 / €100,000 project spend
<b>Policy/associated documents</b>	Sisk Sustainability Policy, Sustainability, Energy and Environmental Plan.
<b>Commitments</b>	Install water meter Water rainwater harvesting unit Push taps in site accommodation
<b>KPIs</b>	Water usage / €100,000 project spend Amount of rainwater harvested/used on-site

Local and Sustainable Food	
<b>Overall Aim</b>	Utilise local store for canteen consumables
<b>Proposed Targets</b>	
<b>Policy/associated documents</b>	
<b>Commitments</b>	Canteen consumables to be purchased from local supplier Fresh fruit to be provided to site - aim for locally grown
<b>KPIs</b>	N/A

Travel and Transport	
<b>Overall Aim</b>	Emissions from transportation of materials and staff will be minimised
<b>Proposed Targets</b>	25% of personnel use green travel - Public Transport, Hybrid/Electric Vehicles, Car-pool, Walk, Cycle, etc. Achieve lower than average commercial vehicle movements for construction sites - 16.1/100km (UK equivalent) Record Carbon emissions from site deliveries
<b>Policy/associated documents</b>	Green Travel Plan, Logistic Plan, Traffic Management Plan, Smartwaste, Site Waste Management Plan
<b>Commitments</b>	Monthly log of transport methods to site Green travel plan to be produced EV charging points to be installed on-site Logistic Plan and Traffic Management Plan in place for deliveries
<b>KPIs</b>	Percentage of personnel using green travel methods Carbon emissions from site deliveries ( tonnes CO2e) Carbon emissions from removal of waste ( tonnes CO2e)

Products & Materials	
<b>Overall Aim</b>	Use of local, recycled and sustainable materials will be prioritised.
<b>Proposed Targets</b>	100% of permanently installed timber to be sustainably sourced A minimum average of 25% GGBS to be used in in situ concrete 100% steel used to be CARES Certified
<b>Policy/associated documents</b>	Sisk Responsible Procurement Policy
<b>Commitments</b>	All timber to be purchased from Chain of Custody (CoC) certified sources, where possible. GGBS to be used in in situ concrete - subject to design / curing times, and quantities to be forward to OPL during milestones. Materials to be compliant with BS 6001. Prefer materials with Environmental Product Declarations
<b>KPIs</b>	% of sustainably sourced timber Overall GGBS % in Concrete

Zero Waste	
<b>Overall Aim</b>	At least 90% of waste will be reclaimed and recycled

## One Planet Living promoted to the public and KPIs Communicated

The community noticeboard at our site entrance allowed us to communicate to the public our participation to one planet living and our future targets. This outlines the areas the one planet living framework focuses on, these include our commitments to health and happiness, the environment, the local community and sustainability.



## Noise monitoring and vibration targets

One planet living objectives that have been reached are also displayed such as noise monitoring data and vibration. A sample bellow shows the calendar days from June 2019 and highlights the days which the decibel limit has been exceeded.

Projects / Sisk Galway Bonham Project / Calendar

### Calendar

The calendar shows the **average sound levels** of the measured readings and highlights any exceedances. These are calculated based on the limits set on each monitor. Click on a day to see more information about values, links to detailed measurements, weather data and notes if available.

Monitor		Month		Year			
N1 - 00677: Dock Road - Galway		June		2019		<button>View</button>	
SUN	MON	TUE	WED	THU	FRI	SAT	
						63.4 dB(A)	1
2	63.1 dB(A)	70.3 dB(A)	66.6 dB(A)	71.6 dB(A)	71.0 dB(A)	63.9 dB(A)	8
9	73.1 dB(A)	68.0 dB(A)	66.5 dB(A)				15
16	70.2 dB(A)	67.1 dB(A)	67.4 dB(A)	68.9 dB(A)	72.4 dB(A)	60.2 dB(A)	22
23	76.5 dB(A)	78.9 dB(A)	75.4 dB(A)	76.4 dB(A)	82.9 dB(A)	59.2 dB(A)	29
30							