

Appendix 14.6: Construction Jobs calculation and methodology

Table 14.6.1: Construction jobs methodology and assumptions				
	Local impact (Cardiff)	Wider impact (Cardiff Capital Region)	Source	Rationale
Deadweight	0	0	N/A	N/A
Leakage	50%	5%	Table 4.3, HCA (2014) Additionality Guide	Jobs were assessed at a local and regional level due to construction having a wider labour market. Cardiff has a lower proportion of jobs in construction than Wales, and construction workers would be able to commute into Cardiff from other parts of South Wales, such as Newport and the Welsh Valleys given the extensive train links in the region. Some skilled trades may need to be sourced from outside of the wider impact area. Some jobs may also be taken by those commuting in from South Gloucester and Bristol area in England.
Displacement	50%	50%	Table 4.8, HCA (2014) Additionality Guide	Given the high demand for construction sector jobs and the national labour shortage in this area, which has recently been exacerbated by Brexit and the pandemic, the likelihood of displacement is moderate. Source: https://www.constructionnews.co.uk/supply-chain/demand-for-construction-workers-nears-20-year-high-16-07-2021/
Substitution	0	0	N/A	N/A
Local employment multiplier	0	0	HMT Green Book (2020)	Construction is a non-tradable sector

Table 14.6.2: Arena and Hotel Construction Jobs			
	Local impact (Cardiff)	Wider impact (Cardiff Capital Region)	Notes
Gross Direct FTE Jobs	600	600	Arena and Hotel: 500 Gross Direct jobs (Source: Robertson Property) MCSP: 100 Gross Direct jobs (Source: Cardiff Council)
Gross Local FTE Jobs (minus deadweight and leakage)	300	570	
Net Direct FTE Jobs	150	285	
Net Indirect FTE Jobs	0	0	

Table 14.6.3: Wider masterplan Construction Jobs			
	Local impact (Cardiff)	Wider impact (Cardiff Capital Region)	Notes
Gross Direct FTE Jobs	600	600	Wider masterplan Gross Direct Jobs estimate of 600 jobs provided by Cardiff Council.
Gross Local FTE Jobs (minus deadweight and leakage)	300	570	
Net Direct FTE Jobs	150	285	
Net Indirect FTE Jobs	0	0	