# Appendix 4:

#### SUSTAINABILITY APPRAISAL FRAMEWORK, OBJECTIVES AND INDICATORS

Air	'n	Objective	Indicators
So	cial aims		
1.	Quality housing available	Will it make housing available to people in need?	% of housing stock judged unfit to live in
	to everyone	Will it improve the quality of housing stock?	Average energy efficiency of housing
		Will it improve energy efficiency/insulation in housing?	House price/earnings affordability ratio
		Will it increase the use of sustainable building practices?	Housing completions
		Will it reduce homelessness?	Affordable housing completions
			Households accepted in priority need
2.	Conditions and services to	Will it improve equitable access to health services?	Proportion of the population who live in wards within the 25% most
	engender good health	Will it promote positive health and prevent ill health?	deprived in the country
		Will it address health inequalities?	Geographical access to services
		Will it encourage healthy lifestyles?	Death rate from: heart disease and stroke; all cancers; hospital admission rate for accidents; suicide and undetermined injury
			Number of years of expected healthy life
			% of people who regularly participate in walking, swimming, cycling and keep fit/aerobics
			Number of people accessing greenspace for leisure activity
3.	Safety and security for people	Will it reduce crime and disorder through design measures?	% of residents surveyed who feel safe outside
	and property	Will it address the causes of crime and disorder and/or reduce	Domestic burglaries per 1000 households
		crime through intervention?	Vehicle crimes per 1000 population
		Will it reduce fear of crime?	Violent crimes per 1000 population
		Will it improve road safety	Number of people killed or seriously injured on roads
		Will it reduce causes of accidents?	
4.	Vibrant communities which	Will it increase community participation in activities and/or in the democratic process?	% of people actively volunteering
	participate in decision making	·	% of people satisfied with their local area as a place to live
		Where appropriate, will it devolve decision-making to communities?	Turn out at local and parish council elections
		Will it improve and increase community facilities?	Geographical access to services
		Will it reduce the potential for social isolation with particular	Areas of district with low earnings and high dependency
		regard to potentially disadvantaged groups?	

5.	Culture, leisure and recreation activities for all	Will it increase availability and accessibility of culture, leisure and recreation (CLR) activities/venues?	Total tourist visitors to the district % of people who regularly participate in walking, swimming,
		Will it provide support for CLR providers and/or creative industries?	cycling and keep fit/aerobics
			Number of people accessing greenspace for leisure activity
		Will it preserve, promote and enhance-culture and heritage in the district?	Location and condition of features of cultural heritage
6.	Local needs met locally	Will it ensure that everyone has access to essential services	Areas with poor frequency of public transport
		(e.g. employment, education, health services and shops) and resources to serve communities are within reasonable non-car based travelling distance?	Proportion of population living in settlements not served by public transport
		_	% of households served by broadband enabled exchanges
		Will it provide appropriate housing for local needs?	House price/Earnings affordability ratio
		Will it support the vibrancy of town and village centres?	Affordable housing completions
		Will it investigate information/communication technology (ICT)	
		links to connect geographically remote and disadvantaged	Geographical access to services
		groups to services and resources?	Improvements to transport services
7.	Education and training	Will it promote lifelong learning and widening participation in	% of 16 year olds attaining 5 GCSEs A*-C
	opportunities which build	lifelong learning activities?	% of adults with NVQ level three qualifications
	the skills and capacity of the population	YVIII IL IIIIDI OVE IEVEIS OI DASIC SKIIIS AIIU/OI IIIIOI IIII ALIOII/	% of employees undertaking work related training in last 13 weeks
			% of employers with hard to fill vacancies
		Will it ascertain skills/skills training gaps and/or promote specialised training for areas in transition?	% of year 13 school leavers remaining in the district
		Will it contribute to meeting identified skills shortages?	

# Environmental Aims

8	B. Bio-diverse and attractive	Will it protect and enhance existing priority habitats and	Reported levels of damage to designated sites
ı	natural environment	species and provide for appropriate long term management of wildlife habitats?	Reported condition of nationally important wildlife sites
ı		Will it make use of opportunities wherever possible to	Number/Area of nature conservation sites
ı		enhance the environment as part of other initiatives?	Population of wild birds
ı		Will it increase the quality and quantity of woodland cover in	Area of woodland coverage in the district
ı		appropriate locations using native species?	% of river length of good or fair quality
		Will it protect and enhance the region's rivers, estuary and coastal waters to achieve good ecological status?	Achievement of Biodiversity Action Plan targets
		Will it promote, educate and raise awareness of the enjoyment and benefits of the natural environment and biodiversity and promote access to wildlife on appropriate sites?	
		Will it contribute to local distinctiveness and countryside character?	

			,
9.	Minimal pollution levels	Will it clean up contaminated land?	% of river length of good or fair quality and the % meeting its
		Will it maintain and where possible improve air quality?	long term quality objective
		Will it maintain and where possible improve surface water	Number of days when air pollution is moderate or high
		and groundwater quality?	Number of farms meeting Soil Association organic standards
		Will it maintain and where possible improve soil quality and	Area of contaminated land
		minimise the loss of soils to development?	Development on best and most versatile agricultural land
		Will it raise awareness about pollution and its effects?	
		Will it prevent unacceptable levels of noise and light pollution?	
10.	A transport network which	Will it increase access to key resources and services by means	Levels of car ownership
	maximises access whilst minimising detrimental impacts	other than the car (e.g. health, education, work and food shopping)?	Usage of non-car transport
	minimising detriniental impacts	Will it ease congestion on the road/rail network?	Freight transport by mode
			Availability of cycle networks (km)
		Will it improve access to opportunities and facilities for all groups, particularly those without a car?	Number of injuries and fatalities resulting from road traffic
		Will it make the transport/environment attractive to non-car	Increase in passenger numbers (bus and rail)
		users (e.g. pedestrians and cyclists)?	Provision of park and ride sites
		Will it encourage freight transfer from road to rail and water?	Improvements for pedestrians
	Will it provide integrated transport services?		
		Will it increase provision of public transport where needed?	
		Will it improve rail services and facilities?	
		Will it reduce environmental impacts of traffic?	
11.	Minimise greenhouse gas	Will it reduce greenhouse gas emissions?	Average energy efficiency of housing stock
	emissions and a managed	Will it increase energy efficiency in all sectors?	% of district energy consumption produced from renewable sources
	response to the effects of climate change	Will it increase the amount of energy from renewable sources	Greenhouse gas emissions
		that is generated and consumed in the region?	Household energy use (gas and electricity as used per household)
		Will it reduce risk from flooding?	Development on floodplains

12	. Prudent and efficient use of energy and natural resources with minimal production of waste	Will it increase efficiency in water, energy and raw material use?  Will it make efficient use of land (appropriate density, protect good agricultural land, use brownfield land in preference to greenfield sites)?  Will it increase prevention, re-use, recovery and recycling of waste?  Will it increase awareness and provide information on resource efficiency and waste?  Will it reduce use of non-renewable resources?	Water usage Amount of waste arising and its processing route % of household waste recycled Amount of residential development completed on brownfield land Amount of employment development completed on brownfield land Green spaces lost to development
13	. Protect and enhance the historic environment	Will it protect and enhance features and areas of historical and cultural value?  Will it promote sensitive re-use of historic or culturally important buildings where appropriate?  Will it conserve the character of historic settlements and conservation areas?  Will it preserve and where appropriate enhance features of archaeological importance?	Number of listed buildings, ancient monuments and conservation areas  Loss or damage to listed buildings and their settings  Loss or damage to scheduled ancient monuments and their settings  Loss or damage to historic parks and gardens and their settings  % of conservation area demolished or otherwise lost
14	A quality built environment and efficient land use patterns, that make good use of derelict sites, minimise travel and promote balanced development	Will it promote the development of communities with accessible services, employment, shops and leisure facilities?  Will it improve the resource efficiency of buildings (water, energy, density, use of existing buildings, designing for a longer lifespan)?  Will it prevent inappropriate development in floodplains?  Will it increase the use of sustainable urban drainage (which reduces run-off and improves water quality)?  Will it ensure new developments provide essential services accessible without use of a car and are accessible by public transport?  Will it ensure high design quality which supports local distinctiveness?  Will it take account of the geomorphology of land?  Will it encourage re-use of existing buildings?	% of residential development completed on brownfield land % of employment development completed on brownfield land Area of derelict land Development on floodplains Development incorporating Sustainable Urban Drainage Systems

## **Economic Aims**

15.	Good quality employment	Will it provide employment opportunities for local people?	% of individuals of working age in employment
	opportunities available to all	Will it promote or support equal employment opportunities, including disadvantaged groups?	GDP per head
			% of businesses surviving three years
		Will it contribute to improving the diversity of employment opportunities?	% increase or decrease in the number of VAT registered businesses
		Will it promote healthy working lives (including health and safety at work, work-life/home-life balance, healthy workplace	Average unemployment rate in district
		policies and access to occupational health)?	Shop vacancy rates in market towns
		Will it ensure employment opportunities are accessible by public transport?	No. of businesses providing a Travel Plan
		Will it provide a travel plan?	
16.	Conditions for business success,	Will it support existing businesses?	Indicators for this aim have been linked with those for good
	economic growth and investment	Will it support the voluntary sector and /or promote volunteering?	quality employment opportunities available to all
		Will it maximise local skills?	
		Will it encourage investment (including inward investment)?	
		Will it provide for the needs of business (such as a range of premises, land and infrastructure)?	
		Will it encourage rural diversification?	

#### LOCAL PLAN ASSESSMENT RATIONALE FOR SITES

SA Objective	Performance	Assessment Rationale		
1. Quality housing available to everyone	_			
Will it make housing available to people in need?		Site size can accommodate 5 or more dwellings (gross)(SHELAA)		
		Site size will be capable of delivering a significant amount of affordable housing (30 plus)		
Will it improve energy efficiency in housing?		The Code for Sustainable Homes (DCLG) 2006 addresses energy efficiency and		
Will it increase the use of sustainable building practices?		sustainable building practices. Target included in North Yorkshire Strategic Housing Market Assessment (Nov 2011). Harrogate Borough Council Sustainable Construction and Design Guidance Note.		
2. Conditions and services to engender good health	2. Conditions and services to engender good health			
Will it promote positive health and prevent ill health? Will it encourage healthy lifestyles?		Site is within 1km of a play area or amenity open space and/or 3km of an outdoor sport facility		
Will it address/reduce health inequalities?		Site is within 1km of a play area or amenity open space and/or 3km of an outdoor sport facility and is large enough to accommodate new amenity open space/ play area		
		A shortfall in sports provision has been identified in this settlement and the site is large enough to accommodate a new outdoor sports facility		
		Development would affect existing or proposed sporting or recreational facility (including allotments) but replacement facilities can be provided		
		Development would affect existing or proposed sporting or recreation facility (including allotments)		
		Development would affect existing or proposed sporting or recreational facility (including allotments) in those wards rated as amongst the most deprived or second most deprived 25% of England's population in terms of health inequality		

# 3. Safety and security for people and property



Will it reduce and prevent crime and disorder through design measures?	?	Dependent on application of design policies and community policing
Will it reduce fear of crime?		
4. Vibrant communities which participate in decision making		
Will it reduce the potential for social isolation with particular regard to disadvantaged groups?		Provision of affordable housing will contribute to creating mixed, well balanced communities helping to reduce social isolation
		Large site with potential for mixed uses, incorporating community facility(ies)
		Loss of site for a new community facility (state whether existing or proposed)
		Adverse impact on local schools (only likely to be used if North Yorkshire County Council indicate)
5. Culture, leisure and recreation activities available to all		
Will it increase availability and accessibility of culture/leisure/recreation activities/venues?		(If the site measures 0.5ha+) Opportunity for site to meet the recreational needs of the area, in addition to its own open space requirements
Will it preserve, promote and enhance culture in the district?		Development will result in loss of all/part of any of the following: park or garden, outdoor sports facility, amenity open space, play area for children/teenagers, an allotment, a village hall or any other building/area of cultural, recreational or amenity value to local people
6. Local needs met locally		
Will it ensure that everyone has access to essential services and		Access to bus services
resources within reasonable non-car based travelling distance?		400m or closer to a bus stop with frequent commuter service
		400m or closer to a bus stop on the Key Bus Network
		Over 400m but within 800m of a bus stop with frequent commuter service
		Over 400m to a stop on the Key Bus Network or over 800m to a frequent bus service

	Access to rail services	
	400m or closer to a rail station or rail halt	
Over 400m but within 800m of a rail station or rail halt		
	Between 800 and 1200m of a rail station or rail halt	
	Over 1200m to a rail station or rail halt	
	Distance to the nearest primary school	
	400m or closer	
	Over 400m but within 800m	
	between 800m and 1200m	
further than 1200m		
Distance to the closest secondary school		
	800m or closer	
Over 800m but within 1200m		
	1200m to 1600m	
	Further than 1600m	
Walking distance to nearest GP surgery		
	400m or closer	
	Over 400m but within 800m	
	800m to 1200m	
	Further than 1200m	

		Distance to nearest supermarket or local shopping centre
		400m or closer
		Over 400m but within 800m
		Further than 800m
		Distance to major area of employment
		800m or closer
		Over 800m but within 1200m
		1200m to 1600m
		Further than 1600m
7. Education and training opportunities which build on the s	kills and capaci	ity of the population
Will it promote lifelong learning and widening participation in lifelong		Current school capacity (primary and secondary)
learning activities? Will it improve levels of basic skills?		No spare places, no room for expansion
Will it provide opportunities for training and apprenticeships?		No spare capacity but room for expansion
		limited capacity
		spare capacity in some years
		spare capacity in every year
	?	Employment is proposed as part of the allocation and this may bring opportunities for apprenticeships and training
8. Biodiversity and attractiveness of the natural environmen	t	
Biodiversity Will it protect and enhance existing priority habitats and species and		Neutral or slight effects on designated sites (SINC, SSSI, LNR) and/or priority habitats and species
provide for long term management of wildlife habitats?		Some adverse effects on designated sites (SINC, SSSI, LNR) and/or priority habitats and species but appropriate siting/scale or mitigation should enable development
		No adverse impact
		Very adverse effects on designated sites (SINC, SSSI, LNR) and/or priority habitats and species

Will it increase the quality and quantity of woodland cover?	Development would not result in the loss of any existing woodland or trees and there is potential for significant woodland creation on site
Will it make use of opportunities wherever possible to enhance the environment as part of other initiatives?	Development would not result in the loss of existing woodland or trees
	Development would potentially result in the loss of some woodland or trees, but any loss is likely to be mitigated
	Development on the land would result in the loss of woodland or trees, the impact of which cannot be fully mitigated
	Development is likely to result in the loss of ancient woodland and/or trees protected by a Tree Preservation Order (TPO)
	(Site measures 1.25ha+) The site is large enough to incorporate an area of natural/ semi natural greenspace (including woodland) which will increase wildlife interest, biodiversity and woodland cover and add to green infrastructure
Will it promote and raise awareness of the enjoyment/benefits of the natural environment/biodiversity and promote access to wildlife on	There is a public right of way close to the site
appropriate sites?	The natural interest of, and access to, nearby sites of natural interest will be promoted through this site's development
Will it protect and enhance the region's rivers, estuary and coastal waters to achieve good ecological status?	Adverse impact (only if indicated by Environment Agency Water Framework Directive)
Will it contribute to local distinctiveness and countryside character?	No adverse impact
	Slight adverse effect – relatively few landscape constraints
	Moderate adverse effect – some adverse effects but could be mitigated
	High adverse effect – only appropriate if other factors are strongly in favour
	Development of the site within the Conservation Area will improve a poor quality site and contribute to local distinctiveness

#### 9. Minimal pollution levels

Will it clean up contaminated land?		Development will result in the clean up of contaminated land
Will it maintain and where possible improve air quality?		No impact on the achievement of the Air Quality objective values stated in the 2013 Air Quality progress report
		Adverse effect on the achievement of the Air Quality objective values stated in the 2013 Air Quality progress report but mitigation is possible
		Adverse impact on a designated Air Quality Management Area
Will it maintain and where possible improve surface water and groundwater quality?	?	Capacity issues to be established. Developer funding would be required for the necessary treatment facilities
		No major capacity issues at the Waste Water Treatment Works
	?	Standard Yorkshire Water comment about surface water discharge to be included
Will it maintain and where possible improve soil quality and minimise the loss of soils to development		Land is approximately 75-100% previously developed land
minimise the loss of soils to development		Land is approximately 50-74% previously developed land
		Land is approximately 25-49% previously developed land
		Land is approximately 1-24% previously developed land
		Land is approximately 100% greenfield
		50% or more is Grade 1 agricultural land
		50% or more is Grade 2 agricultural land
		50% or more is Grade 3 agricultural land
		50% or more is Grade 4 agricultural land
		50% or more is Grade 5 agricultural land
Will it prevent unacceptable levels of noise, vibration and light pollution?		A major road/railway line/industry lies close to the site

# 10. A transport network which maximises access whilst minimising detrimental impacts

Will it ease congestion on the road/rail network?	No transport or accessibility problems evident from information provided at the time of the appraisal
	Some transport and/or accessibility related problems but minor in nature and can be mitigated
	Some transport/and accessibility related problems, including cumulative impacts although developer funded mitigation measures can address these
	Significant transport/and or accessibility/cumulative impact problems requiring substantial mitigation measures to address impacts as part of a developer contribution funding mechanism
	Significant transport/accessibility/cumulative impact problems requiring substantial new infrastructure provision, business case preparation and government funding bids submitted
Will it increase provision of public transport where needed?	Adjacent to both Key Bus Network and a station on the Harrogate rail line (or affords good connectivity to the rail station) and extension of the Key Bus Network is possible as part of the development
	Adjacent only to the Key Bus Network, the extension of which is possible as part of the development
	Location does not offer good connectivity but there may be opportunities for improvement
	Location does not offer good connectivity and there are no opportunities for improvement
Will it improve existing provision of cycleways and footpaths?	Well served by existing routes
	Ability to create a new route
	Ability to connect to existing routes
	Poor connectivity to routes suitable for cycling
	Poor connectivity to routes suitable for cycling with no prospect of improvement
	Some pedestrian access and safety issues but mitigation should be possible
	Convenient and safe routes to access services and facilities
	Lack of pavements/poor road crossings/traffic volume/speed does not encourage pedestrian access to services and facilities

Will it make the environment for non-car travel more attractive?	There is a significant barrier to accessibility, such as a main road, leading to severance, making car use more attractive  Severance can be overcome  Severance is not a problem
Will it improve rail services and facilities?	The site offers the opportunity to enhance existing rail facilities (e.g. through improvements to pedestrian access/parking or park and ride/station improvements
	The location offers the opportunity to provide a new rail station

Will it reduce greenhouse gas emissions and therefore help to tackle climate change?		Site lies within 400m of a bus stop
		The site is not within 400m of a bus stop
		The site is not within 400m of a bus stop (50+ dwellings)
		Provision of and access to public transport can be improved
Will it increase the amount of energy from renewable sources that is generated and consumed?	N/A	This is already Included under Objective 1. Scoring here would result in double counting
Will it reduce the risk of flooding?		Land is wholly within flood zone 1
		50% or more of the land is within flood zone 1
		up to 50% of the land is within flood zone 1
		50% or more of the land is in flood zone 2
		50% or more of the land is within flood zone 3a

# 12. Prudent and efficient use of energy and natural resource with minimal production of waste

Will it increase efficiency in water, energy and raw material use?	New development will increase the use of primary resources, with new households resulting in an increase in energy and water consumption	
	0	Less than 10 dwellings
		10-20
		21-50
		51+

Will it make efficient use of land (appropriate density, brownfield in preference to greenfield, protect good agricultural land?		Would utilise brownfield land as part of the development	
preference to greenment, protect good agricultural land.		Greenfield land but not grade 2 and 3a	
		Loss of grade 2 and 3a agricultural land	
Will it increase prevention, re-use, recovery and recycling of waste?	New development will result in an increase in waste during the construction phase with new households increasing the amount of waste produced		
	0	Less than 10 dwellings	
		10-20	
		21-50	
		51+	
13. Protect and enhance the historic environment			
Will it enhance features and areas of historical/cultural value?		Redevelopment provides an opportunity to greatly improve the environmental	
Will it promote sensitive re-use of historic/culturally important buildings where appropriate?		quality of this site, which in turn will enhance and protect the character of the adjoining conservation area	
Will it conserve the character of historic settlements and conservation areas?		Development is likely to result in the enhancement and protection of a designated international, or national heritage asset	
Will it preserve and where appropriate enhance features of archaeological importance?		Development is likely to result in the enhancement and protection of a local heritage asset	
		Development is unlikely to have any impact on an identified heritage asset	
		Development is likely to have a negative impact on an identified heritage asset, but the impact could potentially be mitigated	
		Development would adversely effect an identified heritage asset and mitigation is not possible	
		Development is likely to result in the loss of a heritage asset	

# 14. A quality built environment and efficient land use patterns, that make good use of derelict sites, minimise travel and promote balanced development

N/A	Accessibility has already been addressed under Objectives 6 and 10. Scoring here would result in double counting
N/A	Flood risk has already been assessed under Objective 11 (see above). Scoring here would result in double counting
N/A	Large scale developments would be expected to provide a good level of services and facilities, however it is also important to maximise access to existing facilities – see comments under Objectives 6 and 10
	Provides for the regeneration of a derelict or visually unattractive area
	The buildings on site are capable of re-use/conversion
	Demolition of buildings/structures would be required
	The prominent, open nature of the site means that built development will have a negative impact on local distinctiveness
	Site re-development provides an opportunity for high quality design
	Mixed use development can be accommodated on the site to encourage reduced travel to work distances and use of the private car
	Site suitable for employment use – 0.25ha/500sq.m. floorspace / SHELAA site
	Mixed use scheme including housing and employment land
	Loss of employment site
	Site lies within 800m of a bus stop where frequency of service enables commuting by bus for work
	Loss of employment site accessible by public transport
	N/A

## 16. Conditions for business success, economic growth and investment

Will it support existing businesses? Will it maximise local skills?	(Where no employment proposed) Provision of affordable housing will help support existing businesses with the recruitment and retention of staff
Will it encourage investment (including inward investment)?	Existing businesses on site will be displaced
Will it provide for the needs of business (such as a range of premises, land and infrastructure)?	Site provides a useful supply of low grade employment land
	Provision of employment land will encourage investment and support local business expansion
	Provision of employment land as part of a mixed use scheme will encourage investment and support local business expansion

## **Summary/comment/analysis**

What are the benefits of this site?

What are the uncertainties/risks to delivery?

What are the disadvantages associated with this site?

What mitigation measures are required?

Does this site contribute towards a growth option?

On balance is it a suitable site for development?