

TRDC Climate and Sustainability Impact Ass

Score / Colour Code
Dark green (4)
Light green (3)
Yellow (2)
Red (1)
Grey (0)

Guidance for use

Please answer all questions from the drop-down options in the 'impact' column (C), including 'not applicable' as needed.

Please email your completed copy of the form to
Joanna.Hewitson@threeivers.gov.uk.

Key to the colour coding of answers is given at the top of the page.

Homes, buildings, infrastructure, equipment and energy	
Question	
1	What effect will this project have on overall energy use (electricity or other fuels) e.g. in buildings, appliances or machinery?
2	What effect will this project have on the direct use of fossil fuels such as gas, petrol, diesel, oil?
3	Does this project further maximise the use of existing building space? <i>E.g. co-locating services; bringing under-used space into use; using buildings out-of-hours</i>
4	Will any new building constructed or refurbished be highly energy efficient in use? <i>(e.g. high levels of insulation, low energy demand per sq. m., no servicing with fossil fuels such as gas heating, EPC</i>
5	Does this make use of sustainable materials / unputs in your project? <i>E.g. re-used or recycled construction materials; timber in place of concrete</i>
6	Does this use more sustainable processes in the creation of the project? <i>E.g. modular and off-site construction; use of electrical plant instead of petrol/diesel,</i>
7	Will this increase the supply of renewable energy? <i>e.g. installing solar panels; switching to a renewable energy tariff</i>

8	Do any appliances or electrical equipment to be used have high energy efficiency ratings?
	Average Score

Travel

Question

9 Reducing travel: what effect will this project have on overall vehicle use?

10 Will this project use petrol or diesel vehicles or EV, hybrid?

11 Will this support people to use active or low-carbon transport? *E.g. cycling, walking, switching to electric transport*

12 Will it be easily accessible for all by foot, bike, or public transport, including for disabled people?

13 Has the project taken steps to reduce traffic? *Using e-cargo bikes; timing activities or deliveries to be outside peak congestion times*

Average Score

Goods and Consumption

Question

14 Has this project considered ways to reuse existing goods and materials to the greatest extent possible, before acquiring newly manufactured ones?

15 Does it reduce reliance on buying newly manufactured goods? *E.g. repair and re-use; sharing and lending goods between services or people; leasing or product-as-a-service rather than ownership*

16 Does it use products and resources that are re-used, recycled, or renewable?

17 Does it enable others to make sustainable choices within their lifestyles, or engage people about this?

18	Is there a plan to reduce waste sent to landfill in manufacture?
19	Is the material used able to be re-used, re-purposed, or recycled at end of its life?
20	Has it taken steps to ensure any food it offers is more sustainable? <i>E.g. less and high-quality (high welfare) meat and dairy; minimises food waste; seasonal produce; locally sourced.</i>
Average Score	

Ecology

Question

21	What effect does this project have on total area of non-amenity green/blue space? (Amenity green space = playing fields, play areas, sporting lakes etc. Non-amenity= e.g. woodland, grassland, wetland,
22	Does the project create more habitat for nature? E.g. native plants, trees, and flowers
23	Does it make changes to existing habitats and have a negative impact on nature? <i>E.g. use of pesticides, reduced extent and variety of plants, planting non-native species</i>
24	Does it help people understand the value of biodiversity, and encourage residents to support it in their private and community spaces?
Average Score	

Adaptation

Question

25	Does any planned project, construction or building use include measures to conserve water?
26	Does anythe project , consider how to sustainably protect people from extreme weather?
27	Has any planned building work or infrastructure considered how to mitigate flood risk? <i>E.g. Sustainable Drainage Systems (SuDS); de-paving areas; green roofs</i>
28	Does any planned infrastructure or building work increase the overall footprint of hard surfacing? (as opposed to green or permeable surfacing)
29	Has the project considered its own resilience to future extreme heat, flood risk, or water shortage?

Average Score

Engagement and Influence

Question

Does this project raise awareness and understanding of the climate and ecological emergency, and the steps that people can take?
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Average Score

Total Overall Average Score

30

Now assesment is compelete copy and paste box into your business (implications 6). Whole assesment can be an appendix. Procurement tenc application.

Climate and Sustainability Impact Assessment Summary

Homes, buildings, infrastructure, equipment and energy
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Travel

Goods and Consumption

Ecology

Adaptation

Engagement and Influence

Total Overall Average Score

Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
	2.00

Impact	Score (0-4)
Some possible negative impacts for sustainability. Recommendation to review these aspects and find mitigations where possible.	2
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
	2.50

Impact	Score (0-4)
Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3

Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
	3.00

Impact	Score (0-4)
Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
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Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
	4

Impact	Score (0-4)
Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4

	3.5
Impact	Score (0-4)
Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
	3
	3.00

*case, committee report. (under environmental
 lers are expected to submit complete report with*

3.00
3.50
4.00
4.00
3.50
4
3.7

	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this	0
		3.00

Justification or mitigation	Impact (select from list)	Revised Score (0-4)
Where any work is required on the sites, local companies will be used to reduce the impact of emissions.	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Both sites include opportunities for walking. This will be further enhanced by improvements to footpaths across the sites.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
		3.50

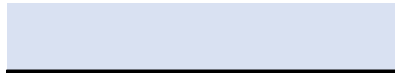
Justification or mitigation	Impact (select from list)	Revised Score (0-4)
Where there may be a need for tree felling, or the creation of habitats, dead wood will be left on site.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this	0
Interpretation around the sites will show the benefits of nature and biodiversity.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4

	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this	0
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this	0
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this	0
		4.00

Justification or mitigation	Impact (select from list)	Revised Score (0-4)
The management plans will look at the way in which the space is used and at CWHE there are recommendations to amend an amenity cut to a Hay Meadow cut and lift.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
There are a number of actions within the management plan which supports this.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
The management plans will look at how habitats are protected and how new ones can be developed/introduced.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
Interpretation across the sites will explain these benefits	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
		4

Justification or mitigation	Impact (select from list)	Revised Score (0-4)
Mitigating the use of water by planting at the right time, planting the right species and use of hydration bags where necessary	Some positive impact for sustainability. Recommendation to further enhance this aspect where	3
The actions plans will consider the diversity of tree species planted, consider sustainable drainage solutions and any areas of long grass will include a fire break.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
	Some positive impact for sustainability. Recommendation to further enhance this aspect where	3
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this	0
The actions plans will consider the diversity of tree species planted, consider sustainable drainage solutions and any areas of long grass will include a fire break.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4

		3.50
Justification or mitigation	Impact (select from list)	Revised Score (0-4)
Potential for increased partnership working, environmental themed events and increased educational messaging via social media etc.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
		4
		3.7



gement Plan

Ways to optimise sustainability and work towards net zero carbon:

- Insulate buildings to a high standard.
- Include energy efficiency measures when carrying out refurbishment to deliver imprc
- Replace gas boilers with renewable heating, such as heat pumps. Consider District H
- Construct new buildings to Passivhaus standard.
- Design and deliver buildings and infrastructure with lower-carbon materials, such as frames.
- Use construction methods that reduce overall energy use, such as modular, factory-electrical plant on-site.
- Install solar panels or other renewable energy generation, and consider including ba
- Switch to a certified renewable energy provider e.g. utilise power purchase agreeme
- Use energy-efficient appliances.
- Install low-energy LED lighting.
- Install measures to help manage building energy demand, such as smart meters, tir management systems.

Ways to optimise sustainability and work towards net zero carbon:

- Reduce the need to travel e.g. through remote meetings, or rationalising routes and
- Share vehicles or substitute different modes of travel, rather than procuring new fleet
- Specify electric, hybrid, or most fuel efficient vehicles for new fleet or for services involved
- Support users and staff to walk, cycle, or use public transport e.g. with cycle parking
- Use zero-emission deliveries
- Model and mitigate the project's effect on traffic and congestion e.g. retiming the services

Ways to optimise sustainability and work towards net zero carbon:

- Procure goods through sharing, leasing, or product-as-a-service models rather than
- Use pre-owned and reconditioned goods, and reduce reliance on procuring new goods
- Use recycled materials, and procure items that can be reconditioned or recycled at end of life
- Use lifecycle costing in business cases to capture the full cost of operation, repair and disposal
- Ensure meat and dairy is high-quality, high-welfare.
- Design waste, including food waste, out of business models e.g. separating (and collecting) single-use items with reusable items.
- Use contact points with residents, community groups and businesses to engage and encourage low-carbon behaviours.

**Ways to optimise sustainability and work towards net zero carbon:
(Seek advice from Landscapes Team if required)**

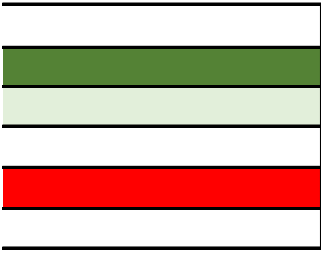
- Avoid converting green space to hard surfacing.
- Use underutilised space for planting, such as green roofs and walls.
- Plant native plants and perennials, rather than non-native ornamental species, to enhance biodiversity.
- Reduce trimming of grass and hedges, and avoid use of synthetic pesticides.
- Provide space for animals e.g. long grass areas, bird boxes, bat boxes, 'insect hotels', insect passages, log piles
- Consider the ecological impacts from manufacture and use of procured goods, e.g. avoid land use change for farming; pesticide use; organic/regenerative farming methods

Ways to optimise sustainability and work towards net zero carbon:

- Install water-saving devices in taps, showers and toilets
- Re-use grey water in new developments
- Capture and re-use rainwater where possible e.g. water butts for use in car washing,
- Ensure all new building or refurbishment (especially of homes) models and mitigates adequate ventilation and shading
- Avoid increasing areas of hard surfacing.
- Convert hard surfacing to green and permeable surfacing where possible, and install Sustainable Urban Drainage Systems (SUDS).
- Plant drought-tolerant plants and mulch landscapes to avoid water loss through evaporation

Ways to optimise sustainability and work towards net zero carbon:

- 'Make every contact count', by using contact points with residents, businesses and c
understanding of the climate emergency.



Improvement in EPC ratings.
Heat Networks where appropriate.

recycled material and timber

built components, or use of

battery storage.
contracts (PPA)

measures on lighting, or building

rounds.
t.
olving transport.
, training, incentives.
vice or deliveries

ownership.
ids.
end-of-life.
nd disposal of an item.
mposting) food waste; replacing
l enable them to adopt low-waste,

courage biodiversity.

s', ponds, hedgehog hides and
water pollution; water consumption;

watering garden, toilets
; future overheating risk, with

I Sustainable Drainage systems
oration.



community groups to promote