

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 CIL@threerivers.gov.uk

Key to the colour coding of answers can be found 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 "A" or BREAM "excellent"</i>
5	Does this make use of sustainable materials / inputs 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?
11	Will this project support people to use active or low-carbon transport? <i>E.g. cycling, walking, switching to electric transport</i>
12	Will this project be easily accessible for all by foot, bike, or public transport, including for disabled people?
13	Has the project taken steps to reduce traffic? <i>E.g. Using e-cargo bikes; timing activities or deliveries to be outside peak congestion times</i>
	Average Score

Goods and Consumption

Question

14	Has this project considered ways to re-use existing goods and materials to the greatest extent possible, before acquiring newly manufactured ones?
15	Does the project reduce reliance on buying newly manufactured goods? <i>E.g. repair and re-use; sharing and lending goods between services or people, leasing or product-as-a-service rather than ownership</i>
16	Does the project use products and resources that are re-used, recycled, or renewable?

17	Does the project enable others to make sustainable choices within their lifestyles, or engage people about this?
18	Does the project have a plan to reduce waste sent to landfill in manufacture?
19	Will the material(s) used on the project be able to be re-used, re-purposed, or recycled at end of its life?
20	Has the project taken steps to ensure any food offered or consumed is more sustainable? <i>E.g. less and high-quality (high welfare) meat and dairy, minimise food waste, seasonal and locally sourced produce.</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, gardens, lakes, rivers, ponds etc.)
22	Does the project create more habitat for nature? <i>E.g. planting native plants, trees, and flowers, creation of ponds or wetlands, provision of bird or bat boxes, installation of log piles or insect hotels</i>
23	Does the project make changes to existing habitats or have a negative impact on biodiversity? <i>E.g. use of pesticides, reduced extent and variety of plants, planting non-native species, light pollution, noise pollution, water pollution, disturbance to habitat, soil erosion, fragmentation of habitat</i>
24	Does the project 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 include measures to conserve water? <i>E.g. low-flow taps and showerheads, water-efficient devices</i>
26	Does the project consider how to protect people from the effects of extreme weather? <i>E.g. including shading to prevent overheating</i>

27	Has any planned building work or infrastructure on the project considered how to mitigate flood risk? <i>E.g. implementing Sustainable Drainage Systems (SuDS), de-paving areas, installing green roofs</i>
28	Does any planned building work or infrastructure on the project increase the total surface area covered by hard surfacing (as opposed to green or permeable surfacing)?
29	Has the project considered its own resilience to extreme heat, flooding, or drought resulting from climate change?
Average Score	

Engagement and Influence

Question

30 Does this project raise awareness and understanding of the climate and ecological emergency, and the steps that people can take to mitigate and adapt to these?

Average Score

Total Overall Average Score

Now the assesment is complete, please include a copy of the completed submit a copy of the form by email to Joanna.Hew

Climate and Sustainability Impact Assessment Summary
Homes, buildings, infrastructure, equipment and energy
Travel
Goods and Consumption
Ecology
Adaptation
Engagement and Influence
Total Overall Average Score

Assessment

Impact and Recommendation

Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.

Some positive impact for sustainability. Recommendation to further enhance this aspect.

Some possible negative impacts for sustainability. Recommendation to review these aspects and find mitigations where possible.

Considerable inconsistency with the council's sustainability objectives. Score of -1.

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

Name of project/policy/procurement and date:	
Brief description (1-2 sentences):	

Impact (select from list)	Score (-1 to 4)
Some possible negative impacts for sustainability. Recommendation to review these aspects and find mitigations where possible.	2
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
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Some possible negative impacts for sustainability. Recommendation to review these aspects and find mitigations where possible.	2
Some possible negative impacts for sustainability. Recommendation to review these aspects and find mitigations where possible.	2

Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
	2.86

Impact	Score (0-4)
Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
Some possible negative impacts for sustainability. Recommendation to review these aspects and find mitigations where possible.	2
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
Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
	3.50

Impact	Score (0-4)
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
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
Some possible negative impacts for sustainability. Recommendation to review these aspects and find mitigations where possible.	2
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
	3.25

Impact	Score (0-4)
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
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
	4

Impact	Score (0-4)
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

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 possible negative impacts for sustainability. Recommendation to review these aspects and find mitigations where possible.	2
	2.0

Impact	Score (0-4)
Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
	4
	3.27

assessment as part of your CIL application, and
mitson@threerivers.gov.uk

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4.00
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is aspect where possible and proceed.

these aspects and find mitigations where possible.

strong recommendation to review these aspects and find mitigations.

achieved in this area, but otherwise proceed.

ELECTRIC VEHICLE STRATEGY

A Three Rivers District Council document outlining an electric vehicle charging strategy for council owned car parks and on-street residential parking.

Justification or mitigation	Impact (select from list)	Revised Score (1-4)
Explore opportunities to pair with community energy projects in particular car park solar arrays, where possible opt for a renewable energy provider/tariff	Some positive impact for sustainability. Recommendation to further enhance this aspect where	3
This strategy is essential to the council's contribution to transitioning the transport industry to zero emission vehicles	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
Increases the utilisation of existing council land/ car parks	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
No direct changes to buildings	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
embedded carbon of installation. Prioritisation has been given to sites which require lower DNO alterations. Charging Point Operator to provide 'green' credentials of materials	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
constructed off site ready for install to the 'passive' charging infrastructure. Operator/ installer to share details of estimated carbon impact of installation of passive and above	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0

energy generation but does support the transition to a renewable energy transport infrastructure. Explore opportunities to pair with community energy projects in particular	Some positive impact for sustainability. Recommendation to further enhance this aspect where possible and proceed.	3
Charging Point Operator to share details on energy efficiency/ charging losses of the proposed charging points.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
		3.60

Justification or mitigation	Impact (select from list)	Revised Score (0-4)
Whilst this strategy will not reduce vehicle use, it supports the transition to more sustainable, zero emission vehicles.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
As part of the installation and maintenance of charging points it is likely that ICE vehicles will be used. Explore opportunities to mitigate this with EVCP provider.	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Whilst this strategy will not reduce vehicle use, it supports the transition to more sustainable, zero emission vehicles.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
All charging points will be compliant with accessibility standards detailed in PAS 1899:2022	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
		4.00

Justification or mitigation	Impact (select from list)	Revised Score (0-4)
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this	0
Further plans for a wider scope strategy to also cover car sharing schemes is planned and referenced in this strategy.	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Transitions transport away from fossil fuels to the electric grid which is able to become renewable.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4

Enables and encourages the uptake of zero emission vehicles through the provision of charging infrastructure and reliable information on the transition to EVs	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
Establish waste management process with EVCP provider/ installer	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this	0
EVCPs are designed for longevity and have repairability considered as part of construction design. EV's generally have less wear and tear parts than ICE vehicles and	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
		4.00

Justification or mitigation	Impact (select from list)	Revised Score (0-4)
	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
	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this area, but otherwise proceed.	0
Placement of the carparks at green spaces encourages the use of these community spaces.	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)
	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
EVCPs will be built on existing hard standing areas.	Neutral or not applicable. Recommendation to consider how benefits could be achieved in this	0
Explore need and opportunities to improve drainage and flood resistance at carpark locations currently or likely to be susceptible to flooding.	Some positive impact for sustainability. Recommendation to further enhance this aspect where	3
		3.00

Justification or mitigation	Impact (select from list)	Revised Score (0-4)
This Strategy is a pivotal part of the councils Climate Change and Sustainability Strategy in promoting more sustainable transport in the district. The growing availability of EVCPs, information provision and other associated projects will support public opinion on the viability of electric vehicles.	Strong positive impacts for sustainability. Recommendation to proceed as is with this aspect.	4
		4
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a public charging network covering

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 improvement.
- Replace gas boilers with renewable heating, such as heat pumps. Consider District Heat Networks where appropriate.
- Construct new buildings to Passivhaus standard.
- Design and deliver buildings and infrastructure with lower-carbon materials, such as recycled steel frames.
- Use construction methods that reduce overall energy use, such as modular, factory-built components and electrical plant on-site.
- Install solar panels or other renewable energy generation, and consider including battery storage.
- Switch to a certified renewable energy provider e.g. utilise power purchase agreements (PPAs).
- Use energy-efficient appliances.
- Install low-energy (LED) lighting.
- Install measures to help manage building energy demand, such as smart meters, timers and energy 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 rounds.
- 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 involving t
- Support users and staff to walk, cycle, or use public transport e.g. with cycle parking, trainin
- Use zero-emission deliveries
- Model and mitigate the project's effect on traffic and congestion e.g. re-timing the service or

Ways to optimise sustainability and work towards net-zero carbon:

- Procure goods through sharing, leasing, or product-as-a-service models rather than owners
- 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-li
- Use lifecycle costing in business cases to capture the full cost of operation, repair and dispc
- Ensure meat and dairy is high-quality, high-welfare, if procured or consumed.
- Choose seasonal and locally sourced produce, and plant-rich meals.
- Design waste, including food waste, out of business models e.g. separating (and compostin
- replacing single-use items with reusable items.
- Use contact points with residents, community groups and businesses to engage and enable waste, low-carbon behaviours.

Ways to optimise sustainability and work towards net-zero carbon:

- 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 encourage
- 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', ponds and passages, log piles
- Consider the ecological impacts from manufacture and use of procured goods, e.g. water consumption; land use change for farming; pesticide use; organic/regenerative farming methods

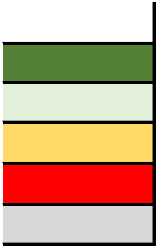
Ways to optimise sustainability and work towards net-zero carbon:

- 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, watering
- Ensure all new building or refurbishment (especially of homes) models and mitigates future adequate ventilation and shading
- Avoid increasing areas of hard surfacing.
- Convert hard surfacing to green and permeable surfacing where possible, and install Sustainable 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 community to increase understanding of the climate and ecological emergencies.



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enhance biodiversity.

Planters, hedgehog hides

Water pollution; water
resources

Planting garden, toilets
overheating risk, with

Water Infiltration Drainage

1.

ity groups to promote