

Appendix 6

Carbon Neutral Policy Team: Planning Application Review

Application: Forest Sports Zone Improvement Project

Location:

Proposal:

Link:

Summary Notes

Summarise key points from the below assessment

- Behaviour and Culture Change
- Built Environment
- Business & internal resources
- Carbon Removal & Ecology
- Consumption
- Energy
- Resilience and Adaptation
- Transport
- Waste and Water

Carbon Impact Assessment (higher priority impacts shown in green)

Category / Impact	Evidence / Scope	CNPT Comments	Score (-5 to +5)
1 Behaviour and Culture Change			
Communication & engagement	The Project will encourage more local people to access the facility rather than driving across town.	<p>Are local people involved in the design and development of the facility? If no, score = 0</p> <p>The facility will help to reuse / regenerate an existing facility.</p> <p>The current facility has been very heavily used for many years and is now at the end of its life</p> <p>The project has been designed to ensure that the facility is maintained and continue to be used by the community. Has the state of the current facility resulted in less use/put people off using it?</p>	+2
Wider influence			
Working with communities			
Working with partners			
2 Built Environment			
Building construction	The Project will regenerate an existing facility and make use of recycled materials to construct the new 3G pitch	<p>Extend to which existing materials are being reused?</p> <p>Use of diesel vehicles/generators in construction?</p> <p>The materials will all be new – not possible to confirm if diesel vehicles or generators will be used? Score = 0 if no recyclable material (but surfacing is old car tyres though?)</p>	+2
Building use			
Switching away from fossil fuels			
3 Business & internal resources			
Developing green businesses	The project will help to develop local training and development opportunities for local people.	<p>How? Is there anything specific around carbon neutral/sustainability? If not, can only score = 0</p> <p>The project will run a programme of sports skills and sports coaching training from the site. If no sustainable training, score = 0</p>	+1
Marketable skills & training			
Sustainability in business			

Category / Impact	Evidence / Scope	CNPT Comments	Score (-5 to +5)
Material / infrastructure requirement			
4 Carbon Removal & Ecology			
Carbon storage	The project will plant trees and create wildflower meadows to enhance then local biodiversity and reduce the carbon footprint of the project.	<p>Will the flowers planted in the wildflower meadows be native species and appropriate for the location?</p> <p>Is there a plan in place to maintain the planted trees and flowers year on year in order to see the benefits for the environment? the Trees and wildflowers will be maintained by the parks services as the facility is located within the forest recreation ground okay, great.</p> <p>Is there a plan in place to calculate the site's footprint before and after the improvements? This would show if the improvements have impacted the site's carbon footprint. No plan in place this will be agreed as part of the final planning application OK</p>	+2
Biodiversity & Ecology			
Bee friendly city			
Carbon offsets			
5 Consumption			
Food & Drink	/	/	-
Products			-
Services			-
Local and low-carbon production			-
6 Energy			

Category / Impact	Evidence / Scope	CNPT Comments	Score (-5 to +5)
Local renewable generation capacity	LED lights will replace traditional floodlighting will provide a more sustainable lighting for the facility	How is the facility to be lit/powered? Where will the supply come from and has the energy demand been calculated? Same/more/less? Are LEDs to be used? Could solar be used to power/supplement if needed? The facility will be lit from LED powered lights / The lighting will replace existing bulbs. What is the power source? NCC supply presumably? the power is paid for directly by the Forest Sports Zone Team.	-
Reducing energy demand			-
Improved energy storage			-
7 Resilience and Adaptation			
Green / blue infrastructure	The project will include the construction of SUDS System around the pitch to enable better drainage and reduce the pressure on main sewer network		+2
Natural flood management			
Drought vulnerability			
Flooding vulnerability			
Heatwave vulnerability			
8 Transport			
Staff travel requirement	local facility will help encourage more people to walk or travel on Bike storage facilities will be included – A new cycle route is currently being developed of Gregory boulevard / around the goose fair roundabout public transport to the site	How is the site encouraging sustainable travel – other than being close to the users. Are there plans for any new foot/cycle paths? Are there bike storage facilities on site to encourage cycling as transport? If not, are these included in the improvements?	+2
Decarbonising vehicles			
Improving infrastructure			
Supporting people to use active travel			

Category / Impact	Evidence / Scope	CNPT Comments	Score (-5 to +5)
Reduced need to travel		Okay, great – happy with the +2 score.	
9 Waste and Water			
Single-use plastic	The 3G pitches are made using recycled rubber from tyres	<p>This CIAD doesn't consider what will happen to the 3G pitch at the end of its life and how it will be disposed of – can it be recycled further? How long is it expected to last?</p> <p>Is the pitch likely to breakdown and put micro-polymers into the surrounding environment? What is being done to prevent this from happening?</p> <p>All the rubber crumb will be recycled at the end of its use.</p> <p>Where are the tyres being sourced from – are they local or being shipped from abroad? How do the tyres arrive on site – does the process produce waste (single-use plastic or otherwise)?</p> <p>Not sure about the source of the Tyres. Can it be stipulated in the contract, all UK sourced for example?</p>	+1
End of life disposal / recycling	The rubber crumb is recycled end of life tyres.		
Waste volume	Where it comes from will be dependant on the contractor that delivers the pitch but must meet SAPCA's Quality Control Protocol for Sports Performance Infill. https://sapca.org.uk/guide/sapca-quality-control-protocol-for-sports-performance-infills-for-3g-surfaces/		
Water use	The containment boards that are used to contain the rubber crumb within the confines of the pitch are made from recycled artificial turf.		
	<p>The Foundation is also committed to the safe and responsible recycling of artificial grass. As part of the Terms and Conditions of a grant award toward a 3G AGP, each applicant must commit to recycling the artificial carpet at the end of its useful life. The Foundation require any recycling is undertaken in line with all current and relevant legislation. Any project the Foundation funds that requires the replacement of existing end of life artificial grass must also ensure it follows a strict process and is sent for recycling to the Sportex Group in Scotland. This is currently the only licenced facility in the UK able to recycle the component parts of an AGP. The facility is fully licenced to store, manage and treat end-of-life synthetic turf by the Scottish Environmental Protection Agency (SEPA) under waste management permit number WML/L/SEPA2021-8017.</p>		