Swansea Central Area: Regenerating out City for Wellbeing and Wildlife

Consultation Report (Appendix B)

INTRODUCTION

There is clear evidence from the UN Intergovernmental Panel on Climate Change (IPCC) that by 2050 the Swansea Central Area will have periods of intense heavy rainfall, droughts and rising temperatures. The benefits and cost-effectiveness of green infrastructure (GI) in adapting to and mitigating for climate change are well documented, along with a wide range of other social, environmental and economic benefits. The regeneration currently underway in the Swansea Central Area provides a perfect opportunity to design in multi-beneficial GI improvements.

Swansea Council's Strategic Planning and Natural Environment Section and Natural Resources Wales (NRW) employed Green Infrastructure Consultancy (a world leading expert in the GI industry) to develop a GI strategy using the ideas and issues raised from stakeholder engagement. This was conducted through a series of workshops, meetings, training days and presentations with colleagues from Swansea's Public Service Board (PSB) partnership, private, public and third sector in February 2019. 634 face to face conversations were held with members of the public in 10 locations across the Swansea Central Area. Sessions with the 4 primary schools within the catchment were held along with stakeholder meetings with 6 residents' and local interest groups, together with social media engagement using #citynature / #naturynyddinas. These conversations demonstrated an overwhelming desire for more nature in the city, with stakeholders talking about the contribution nature makes to their personal mental and physical wellbeing and to their desire to live, work and visit the city centre.   Swansea workers, residents and visitors wanted a greener city with less hard surfaces. A city which provides space for wildlife bringing people joy, and an improved visitor and trading experience. A destination and liveable city which can adapt to and mitigate for climate change.

The strategy's vision and strategic objectives reflect the opinions, words and ideas from the engagement process. In response to stakeholder conversations it explores the benefits and cost-effectiveness of GI, such as: reduced flood risk; summer cooling; cleaner air and water; reductions in noise; shelter from the wind; better mental and physical health; gains in biodiversity; reduced CO_2 emissions and energy costs; and a strengthened economy. It sets out an intention to double the amount of GI in the city centre over 10 years, and details existing assets and the opportunities for creating a GI network by using 5 core principles of: multifunctional; biodiverse; adapted for climate change; healthy; smart and sustainable. The strategy includes a Green Space Factor Tool - designed to measure the quantity and functionality of green space.   The strategy is designed to support the Local Development Plan (LDP), Policy ER 2 Strategic Green Infrastructure Network and emerging Supplementary Planning Guidance (SPG) on GI. It contributes to NRW and Swansea Council's duties under the Well-being of Future Generations (Wales) Act 2015 and, Environment (Wales) Act 2016, and will support the application of the Statutory SuDS Standard 2019 and the Swansea PSB's Working with Nature Objective.

DRAFT STRATEGY CONSUTATION

The draft strategy went out to public consultation between 22nd November 2019 and the 31st December 2019.   The consultation process included an online survey and consultation events were held at the 4 primary schools within the catchment area and in Swansea Central Library.

CONSUTLATION RESPONSES

45 survey responses were received. One email response was also received, and comments from the school and library sessions were also recorded.

Completed survey responses are reported in the tables and charts below. Charts present the findings from multiple choice questions, whilst written comments are listed in a table under each question. The comments received from the school and library sessions are also listed in tables below.

The Council's GI Steering Group considered each comment and allocated an appropriate response / action from those defined below.

A =   **Amend** Strategy
AP =   to be addressed in the strategy **Action Plan**
OS =   comment **out of scope** of the Strategy / not applicable
N/A = comment noted but **no action** required

SUMMARY OF RESPONSES

Overall the strategy was very well received. Over three quarters (79%) of survey respondents agreed with the strategy's vision (Question 1). Over three quarters of respondents also either agreed or strongly agreed with the strategic objectives, but some questioned the relationship between the strategic objects and targets particularly around the implementation of quantitative targets (Questions 2 and 3). As a result the GI Steering Group reviewed and revised the strategic objectives in order to provide SMART objectives which reflected each component of the vision. Elements of the original objectives were also considered to be more appropriately expressed as performance indicators.   Specific comments are included in the tables below and in Appendix 1 which sets out the amended strategic objectives and related performance indicators.

A number of comments (Question 4) referred to GI improvements at locations outside the geographic area defined by the strategy so were identified as being out of scope. However, the Council has begun work on a County Wide GI Strategy which will address many of the currently out of scope issues raised. There were a number of comments which focused on the need to raise knowledge and skills, provide training, engage with stakeholders and the community, and around the issue of maintenance (Questions 5, 8 and 9). These points are reflected in the revised strategic objectives and performance indicators (see Appendix 1), will be implemented through the Action Plan and success monitored via a monitor and evaluation process.

The targets (now performance indicators) to increase canopy cover to 20% - 25% by 2044 and double terrestrial GI from 13% to 26% by 2030 received a number of comments (Questions 3 and 12) both in terms of what baseline data was available and whether the target was too ambitious or ambitious enough. The terrestrial GI figures in Table 3 of the Strategy were based on Ordnance Survey mapping[1] and confirmed by a ground truthing survey (walking the site to add new or remove no longer existing GI) in October 2020.   Latest canopy cover studies[2] date back to 2013 and place the canopy cover at around 7%, but this data is historical and unlikely to reflect accurately the current cover in the Swansea Central Area. Recent studies[3] recommend setting an average tree canopy cover of 20% (15% for coastal cities) as a minimum for most UK towns and cities. As such these performance indicators are considered to be appropriately ambitious given the physical constraints of a highly urbanised area. Both the GI percentage and canopy cover percentage will be periodically surveyed as part of the strategy monitoring process.

The respondent data demonstrated that more men (62%) than woman (38%) responded to the survey. Of the survey respondents 60% (31 respondents) live within the County (SA1 – SA6).

The session in Swansea Central Library and those held in the catchment primary schools focused on the vision and strategic objectives. Consultees were supportive of the vison and objectives. In particular the school sessions focused on simplifying the language of the vision and   strategy.
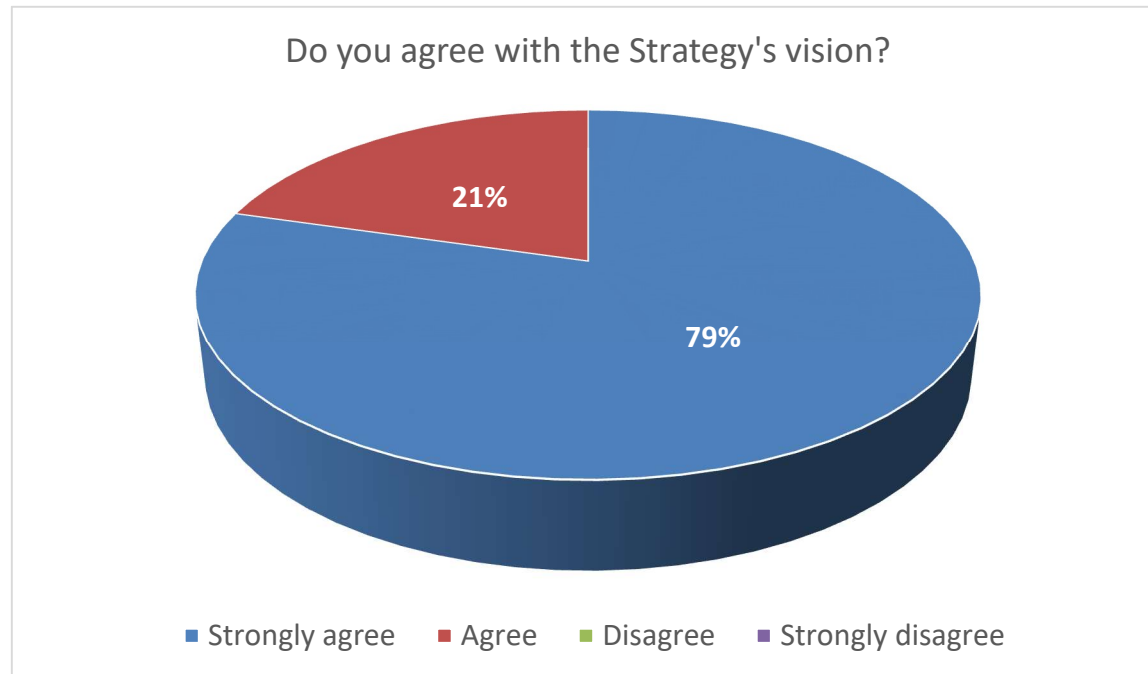
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[1] 13% overall terrestrial GI cover was estimated in March 2019 based on Ordnance Survey map data, Jan 2019 and confirmed in October 2020 following a ground truthing survey

[2] Canopy cover – there are two recent publications which have looked to measure canopy cover; *Valuing Urban Trees in the Tawe Catchment, (2016) Kieron Doick, Angiolina Albertini, Phil Handley, Vicki Lawrence, Kenton Rogers and Heather Rumble*, which states that the Tawe catchment in 2014 had a 16% urban tree cover, equal to an area of 1,119 ha. The trees were primarily found in parks, on residential land and on vacant land, and *Town Tree Cover in the City and County of Swansea: understanding canopy cover to better plan to manage urban trees (2016) Natural Resources Wales*, which states that canopy cover in the Swansea Central area was 6% to 7% (measurements were broken down by Lower Social Output Areas / Welsh Index of Multiple Deprivation Custer Areas). The assessment was undertaken by iTree in 2013.

[3] Doick, K.J, Davies, H. J, Moss, J., Coventry, R., Handley, P., Vaz Monterio, m., Rogers, K., Simkin, P: *The Canopy Cover of England's towns and Cities: baselining and setting targets to improve human health and wellbeing* Conference Proceedings of TPBEIII. Urban Trees Research Conference 5-6th April 2017 Institute of Chartered Foresters, Edinburgh.
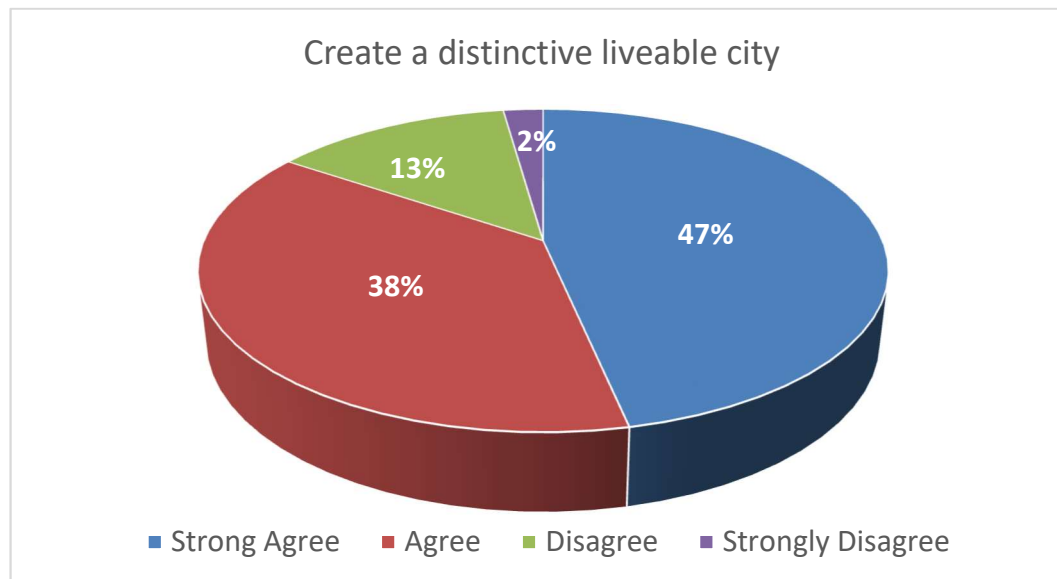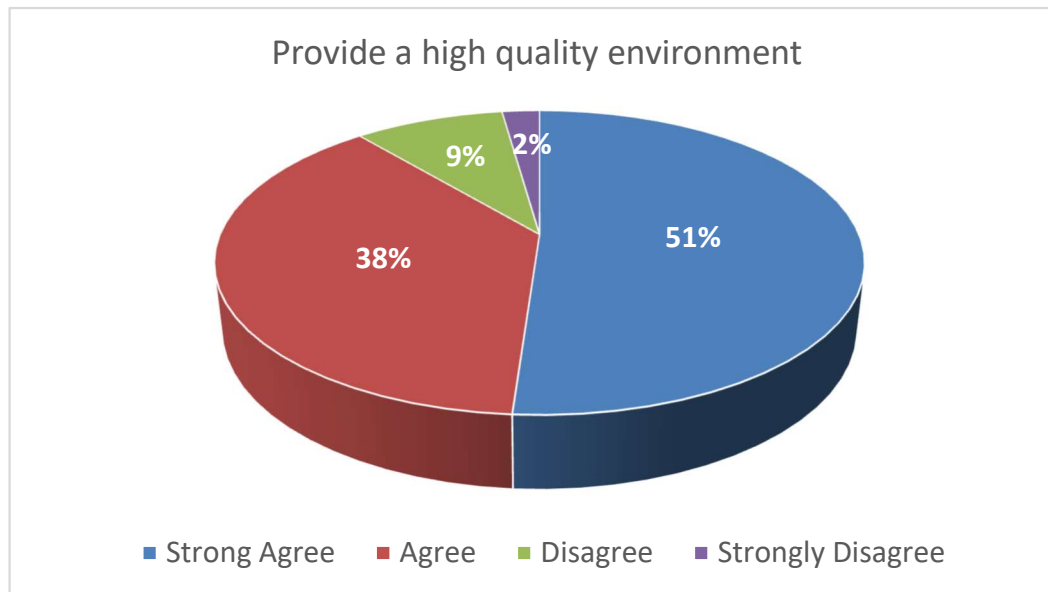
CONSULTATION RESULTS

Question 1: The Strategy's vision is for 'A City of high quality multifunctional green infrastructure delivering resilience, prosperity, nature, health, wellbeing and happiness to the citizens and visitors of Swansea'. Do you agree with this?
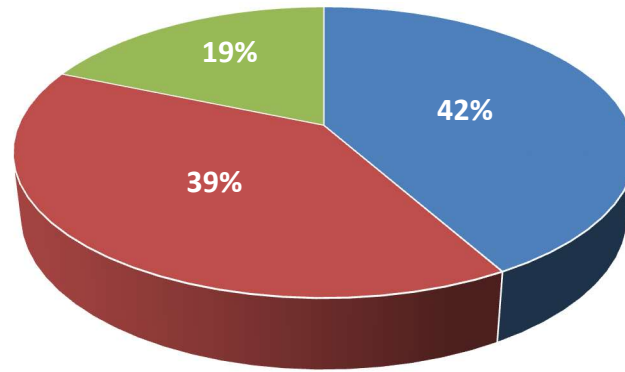
Do you agree with the Strategy's vision?

21%

79%

■ Strongly agree   ■ Agree   ■ Disagree   ■ Strongly disagree

Comment	Action				Response
	A	AP	OS	NA	
Absolutely agree, but all departments within the Local Authority have to accept this step change and fully embrace this different, yet much needed approach. I am thinking rainwater run-off solutions, and also configuration and specification of highways. Provide proper training for relevant officers.		X			Training addressed though the strategic objectives.
Excellent idea but I'm concerned that it won't be implemented fully. I've seen the Kingsway development not going far enough in terms of green space and vegetation especially trees and flowers. There is way too much pavement and those grass sections are very feeble attempts at green space.				X	Implementation via the strategic objectives, steps and actions, performance indicators and targets, all of which will be tracked through the evaluation / monitoring process (see Appendix1).
I strongly agree that GI, as described in the strategy, will contribute to delivering the benefits you describe. I fear you may be setting expectations too high by suggesting that GI can be as transformative as suggested. There are many factors which influence health and happiness, for example, other than urban GI, over which this strategy has no control.				X	
I think that the main focus should be on providing green spaces for nature within the city to improve biodiversity. These can then be accessible to the public to improve health and well-being.				X	
It is what the Americans call a "Motherhood and Apple Pie" question but so far so good.				X	
It would be a mistake to measure prosperity in purely financial terms, well-being is an important element of prosperity, and well-being depends on a variety of environmental factors including traffic free areas for leisure and walking within the city environs. It is difficult to see how the proposed digital arena will enhance the well-being or environment of the city for residents or visitors.				X	Arena development includes significant GI improvements in the proposed coastal park, which provides an outdoor amenity area for residents and visitors and environmental improvements.
Living walls, green top bus stops, greener Castle Square garden, a greater push for greener forms of transport. Frequent boat trips up the river to the stadium. Improve parks such as Singleton. Create a new attraction like daffodil hill in California. Which if you look it up, was a successful attraction.			X	X	Comments on transport to be shared with relevant service areas. County wide strategy will cover the adjoining districts and links.
More greenery is needed whether it's grass, trees or living walls. Castle Square garden is in desperate need of this. Singleton Park			X	X	Singleton Park lies outside the area covered by the City Centre Strategy, and

is also in need of some urgent action. One of the ornamental gardens looks neglected. Also instead of building houses at the farm build a community centre and link it up with the hospital. Be great for cancer patients or for patients with mental health issues to get out and get some fresh air. Could even been used as a physiotherapy unit if a small farm with some horses were introduced.					is therefore out of scope for this document. However the emerging Countywide GI Strategy will address this issue. Castle Square is part of the green artery.
Personally I would specify "high quality, accessible, multifunctional GI"				X	Accessibility is covered under the GI principle of multifunctional.
This should be one of the top				X	
Would love to see that this plan goes further than a vision. How can these 'resilience, prosperity, nature, health, well-being and happiness' be measured? It would be good to talk to businesses and people who commute to the city regularly to get a genuine picture of how the city has responded to the new strategy and planners can quickly adapt where these indicators fall short. I feel it's not all about the city centre but the way of life around Swansea that should be included in assessing our health, wealth & happiness. A large part of this would be to improving transport links so people can get to places via public transport cheaply, independently and reliably. I'm concerned as a resident of Swansea for 15 years there's been no reliable change to our public transport system despite all the developments in this sector regards other modes of transport. It's very sad to see no strategy in place for dealing with large spikes in use for events like Air Show and Christmas lights, where taxis will not pick up the phone and not drop off. I feel these are the periods that show a lack of vision in terms of improving on this indicators and people's impression of Swansea.				X	The emerging Countywide GI strategy will consider the issue of Active Travel links. The strategic objectives and targets have been reviewed to ensure they reflect each element of the vision clearly and have associated PIs which will be measured and monitored (see Appendix1).
Yes a good effort towards these important goals, thanks!				X	

Question 2: The Strategy's strategic objectives are set out below. Do you think the strategic objectives will enable this vision to be achieved?

Provide a high quality environment

- Strong Agree: 51%
- Agree: 38%
- Disagree: 9%
- Strongly Disagree: 2%

Create a distinctive liveable city

- Strong Agree: 47%
- Agree: 38%
- Disagree: 13%
- Strongly Disagree: 2%
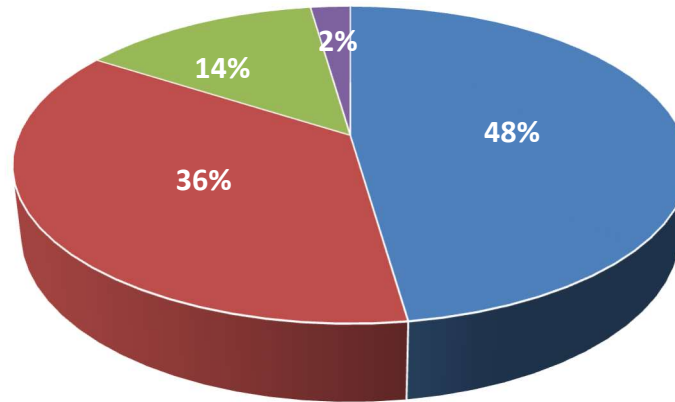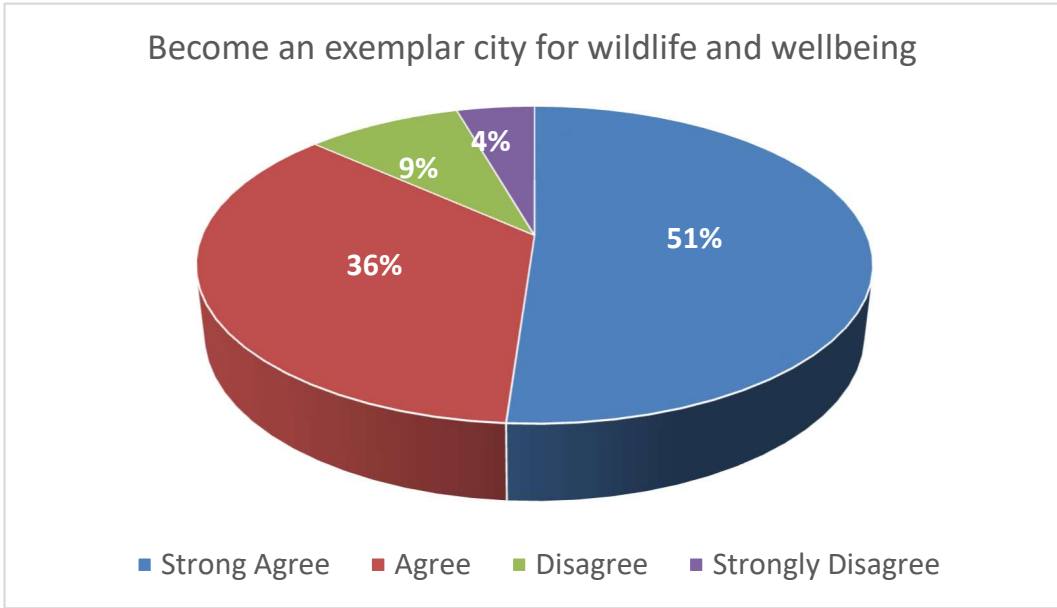
Adapt to climate change

19%
42%
39%

■ Strong Agree ■ Agree ■ Disagree ■ Strongly Disagree

Involve people

2%
14%
48%
36%

■ Strong Agree ■ Agree ■ Disagree ■ Strongly Disagree
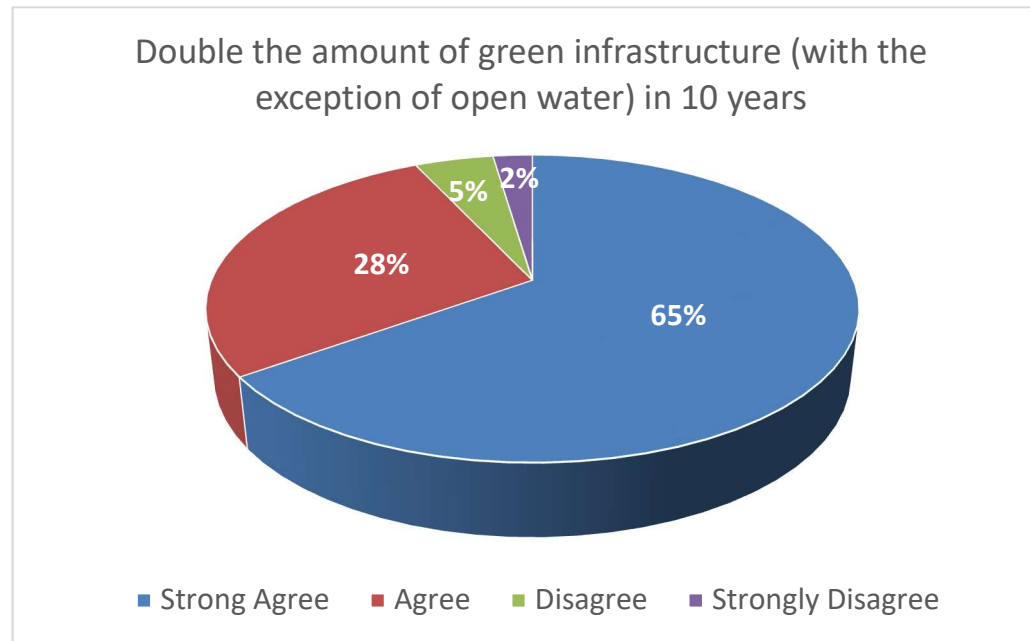
Become an exemplar city for wildlife and wellbeing

- Strong Agree 51%
- Agree 36%
- Disagree 9%
- Strongly Disagree 4%

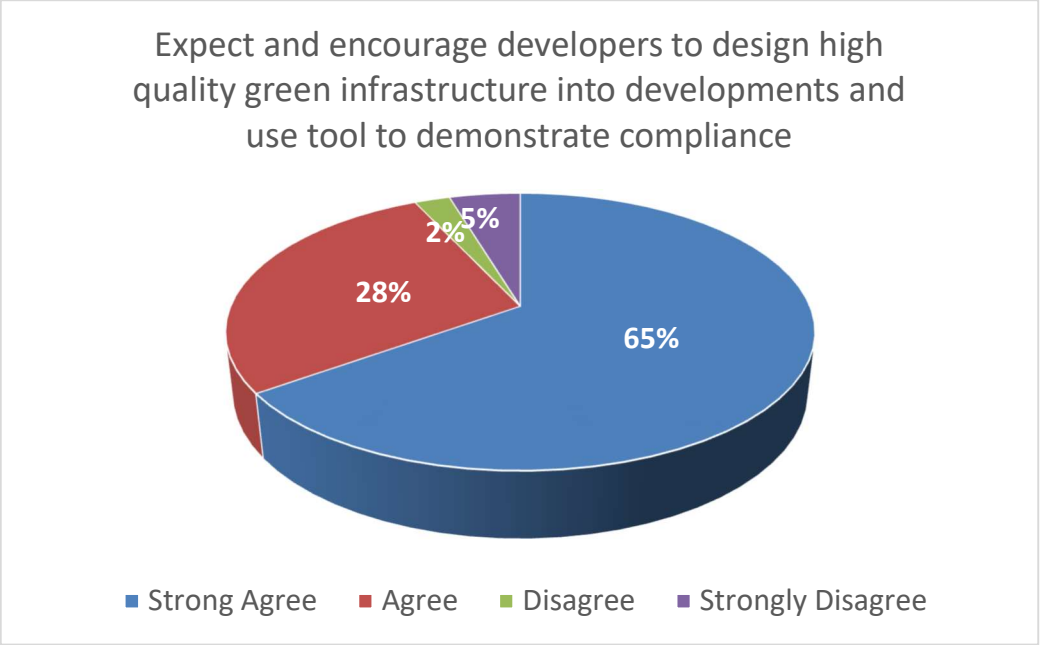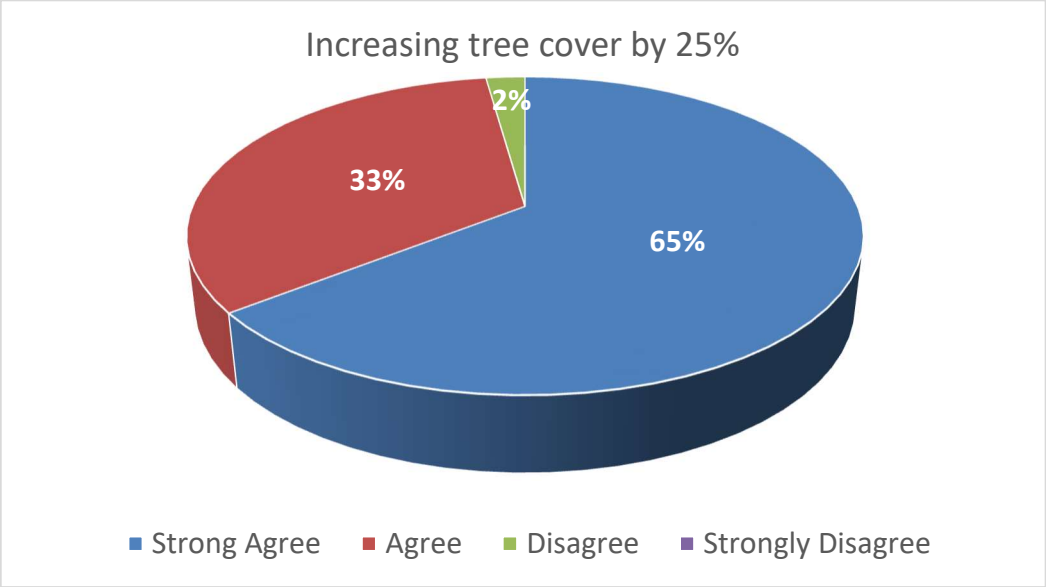| Comment	Action				Response
	A	AP	OS	NA	
I think this is an excellent vision				X	
I think the objectives are great. What isn't clear is the quantitative element - how much GI is required in a particular situation to deliver a particular objective. It's not clear whether your targets for GI and green cover are entirely pragmatic or whether they relate to an evidence base.	X	X			Targets are to become Performance Indicators (PI's). Targets for GI increase were developed with Green Infrastructure Consultancy and the canopy cover targets are taken from the recommendations made by Doick, K.J *et al* (see reference in footnote 3). Use of the GSF tool will help to determine the quantitative element for a particular application.

Difficult to answer honestly as the definition of each objective is not fully understood from the list above - what does each objective mean? Overall i do agree they would enable the vision to be achieved	X				The strategic objectives have been reworded to make them clearer and a set of PI's has been added.
This is a new idea and a lot will need to be worked out on the fly (especially now the city has committed to the greening plans for the City Centre). Perhaps ideas could be developed as the new trees and grassed areas come to require maintenance.		X			The strategic objectives and the monitoring and review process ensure learning and continuous improvement.
I agree. I think more could be done and I think it could be more ambitious - currently this is slated for impact by 2030 and 2044. Why can't it be done quicker? Why can't you also affect how new buildings are put up? Say they'll only get planning permission if they have green roofs and walls.				X	The reference to canopy cover targets has been removed from the strategic objectives and a specific PI created. The timescales stated in the PI are considered realistic for the types of improvements to be measured i.e. canopy cover from mature trees. However the impacts of GI will evolve from 2020 forward. Introducing 'green' planning conditions is outside the scope of this strategy. However, all new developments will be considered against the requirements of national planning policy and adopted LDP Policy which require that development maximises opportunities to maintain and enhance GI. SPG on GI will also be prepared to provide further guidance on the implementation of planning policy.
It's difficult to identify the actual strategic objectives from this consultation document-the draft strategy, which undoubtedly was expensive to commission contains much information and many tables which have been lifted from other documents. The particular maps are not particularly informative for most people and would confuse rather than clarify for most of the population. I suggest an easy read document is produced with specific and	X				The strategic objectives have been reworded to make them clearer and PIs added. The Action Plan will further inform actions and a plain English / strategy on a page version is planned.

Comment	C1	C2	C3	C4	Response
clear area proposals. For example: the existing 'community forest' which was planted some decades ago, will now be refreshed and maintained and linked with the central city green areas in order to facilitate 'green corridors' to support wildlife and enable residents to walk across the city in a healthy and pleasant environment following paths through existing woodland where possible.					
Swansea has the potential for providing all this which is encouraging; it's the sectors where funding is lacking that will end up failing without intervention and some form of linking i.e. we can't involve people by creating an event where there's little thought toward the climate or natural habitats, there should be a clear strategy that makes people think about how they get there and ways they can help the clean-up. But there should also be an event after the event that mitigate its impacts.				X	Comments on event mitigation measures to be shared with relevant service areas.
Should be accessible to everyone	X				An easy read / strategy on a page version is to be developed.
The city has no hope!				X	
Create small attractive looking tuck shops/stalls for small start-up businesses to use/rent. Dot them around the city. One by Castle Square, Kingsway, St David's and along the Bay. The one by Castle Square could rent out or offer deckchairs for people to use in the summer months. Castle Square needs a much higher quality environment. Give the people their park/garden back.				X	This is being picked up by the feasibility study for Castle Square.
But would like to see all Kingsway buildings either demolished or revamped, because they make the city centre look like warzone and one of the main causes of the sadness look of the city				X	
The two variables in here are around siting and design. For these objectives to be achieved and the vision delivered, design quality must be high, and location of GI must be appropriate, where it's environmental impact can be maximised and where it can be accessed and the social benefits enjoyed by a wide range of communities.				X	
The areas for people, within the town centre, should be turned inward and not looking at the road, there should be some areas				X	There are a number of ways of creating boundaries to a play space, and play

fenced for children. There must be things to do (tea shop) and look at (water features).					spaces should be appropriate to the context of the proposals and the wider area. The seats within the City Centre are not all orientated facing the road. They allow multiple aspects of the area with additional features to be introduced as part of the GI proposals
Improving air quality should be a major goal.	X				Air pollution is addressed under benefits of green infrastructure Chapter 1 and is one of the ecosystem services depicted in the GI typologies (Appendix 1 of the Strategy), and through the strategic objectives to provide a high quality nature rich environment and a city resilient to the impacts of climate change. Figure 1 (now Figure 3) amended to include air quality.
I hope this is implemented to its full potential but I have my doubts based on previous efforts and current plans. Lots of trees, plants and green spaces to sit and relax		X			Implementation to be tracked through the delivery of the strategic objectives, steps and actions, performance indicators and targets.

Question 3: To enable us to achieve our strategic objectives we will aim to achieve the following. Do you consider these aims appropriate and deliverable?

Double the amount of green infrastructure (with the exception of open water) in 10 years

Legend: ■ Strong Agree ■ Agree ■ Disagree ■ Strongly Disagree

Increasing tree cover by 25%

- Strong Agree
- Agree
- Disagree
- Strongly Disagree

65%
33%
2%

Expect and encourage developers to design high quality green infrastructure into developments and use tool to demonstrate compliance

- Strong Agree
- Agree
- Disagree
- Strongly Disagree

65%
28%
2%
5%

Become a Trees in Townscape champion

5%

28%

67%
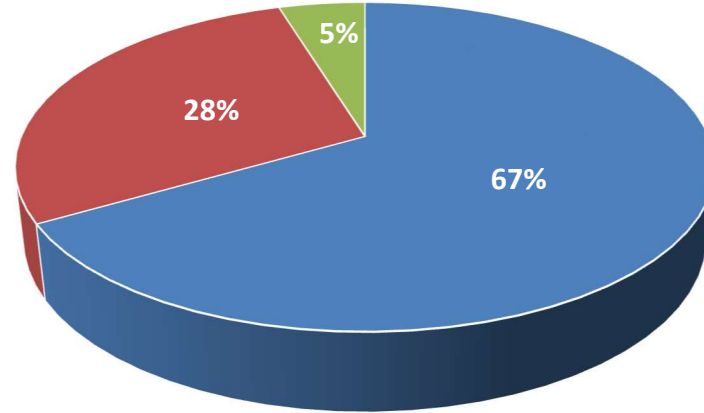
■ Strong Agree   ■ Agree   ■ Disagree   ■ Strongly Disagree

Work with community groups

5%

28%

67%

■ Strong Agree   ■ Agree   ■ Disagree   ■ Strongly Disagree

Comment	Action				Response
	A	AP	OS	NA	
Again, I agree in principle. I think you should include something in the strategy around what performance indicators you will monitor to establish to what extent the vision and strategic objectives have been realised.	X				Agree. A set of performance indicators have been added to the final version of the strategy.
Is it increasing tree cover by 25% from what there is now, or from what it was prior to the trees all being cut down? Unless you can force developers to install green infrastructure they will not due to cost.				X	The performance indicator seeks to increase canopy cover **to** 20% / 25%, rather than **by** 20% / 25% i.e. to increase canopy cover to 25% of the Swansea Central Area. This is considered to be an appropriately ambitious aim and is based upon research and evidence contained in *Town Tree Cover in the City and County of Swansea: understanding canopy cover to better plan to manage urban trees*, NRW 2016, which references the most recent canopy cover measurements undertaken by iTree in 2013 which report that the average canopy cover for the Swansea Central Area was between 6% and 7%.
Not sure of the amount of green infrastructure in place currently				X	The strategy is based upon a baseline figure of 13%. This is based on a data survey completed in March 2019 of terrestrial GI (i.e. excluding the marina), which has been confirmed by a 'ground truthing' survey completed in October 2020.
That 25% tree cover increase by 2044 seems little to me				X	The aims in the strategy are considered to be appropriately ambitious and are based on research which recommends setting an average tree canopy cover of 20% as a minimum for most UK towns and cities, with a lower target of 15% for coastal towns. The aspiration of 25% is therefore considered very ambitious for Swansea (see footnote 3 for research reference).
These objectives should be aimed for a LOT sooner than stated here. These deadlines are too late.				X	Strategy targets include: 1. Increase terrestrial green infrastructure to 26% by 2030.

					2. Increase canopy cover to 20% - 25% by 2044. These deadlines are considered to be reasonable and realistic targets over these periods to achieve the improvements in quantity and quality of GI which the strategy is seeking to achieve.
There's no point going about this half-heartedly. Let's do this properly and aim for all the top level goals, even if we fail to achieve them.				X	See above response.
I think you need to push harder to achieve this more quickly.				X	See above response.
Maximising the green resources which already exist is an important element in achieving these objectives. Please revisit and revive the 'community forest' which was planted some decades ago and is in need of maintenance and sustenance.				X	The strategy looks to both improve and enhance existing GI and create new GI. The community forest areas: Tawe Corridor, Kilvey Hill and Northhill Wildlife Corridor are outside the Swansea Central Area and therefore outside the scope of the strategy.

Comment					Response
Green infrastructure should be mandatory for any future development in the Swansea Central Area. I'm largely encouraged by Swansea Councils response to the climate crisis and positive vision on its greenspaces... I recently asked whether I could plant a tree on my street... I wasn't able to but was recommended to look to a local park... Having seen some trees being planted in a park only to be snapped and removed soon after I hope developers are encouraged to look for innovative responses to creating Green infrastructure such as vertical greening, technological responses that are built into their projects and are an integral part of their upkeep. Planting improving native biodiverse habitats for flora and fauna is also an education and carbon sink often overlooked by new builds that prefer to concrete and garden rather than improve an areas biodiversity, flood resistance etc... and here is where the latest understanding and innovations would be helpfully introduced at planning stage so we're not only looking to them but they look to the council for support and knowledge				X	Introducing planning restrictions is outside the scope of this strategy. However, all new developments will be considered against the requirements of national planning policy and adopted LDP Policy, which require that development maximises opportunities to maintain and enhance GI. SPG on GI will also be prepared to provide further guidance on the implementation of planning policy.
If developers don't have the do these things by law and are only expected or encouraged to are they going to do it or just give the bare minimum?				X	See response above.
Castle Square garden is in need of more greenery. One of the new plans I've seen floating about online looks set to fail already. By introducing levels with a unit... which looked more grey than green.		X			Regeneration projects will be influenced by the requirements of the strategy.
I think that it is very important to engage both developers and the community with improving				X	

Comment					Response
and increasing green spaces as this will help the goals to be achieved.					
Yes...but we need deep understanding and commitment from all officers...not just lip service and tick boxes!		X			The strategic objective to *create a skilled and knowledgeable local economy to deliver and maintain GI* includes steps / actions for building the local knowledge and skills around GI through events, training and sharing best practice. Implementation will be monitored through PI's (see Appendix1).
There are a number of partners that would support and work with the Council to help achieve these aims. We would be happy to support at Young-Dragons.co.uk and 2Benterprising.co.uk		X			Working in collaboration with partners is important and will be addressed through the delivery of the strategic objectives, steps and actions, performance indicators and targets (see Appendix1).
Who will clear leaves from trees when drains are blocked!!!				X	This will be addressed as part of the maintenance plan as with all public realm cleansing and maintenance. Leaf fall will be one of the considerations when selecting the types of trees to be planted
All of the above, but they need to be serious about implementation, and understand the implications of adopting these aims.		X			Implementation will be addressed through the Action Plan and monitoring PI's
I am the President for the Swansea University Tree Society and I would absolutely love to be a part of this project! I believe by involving the local students and residents we will help to further cement the lost connection between us and nature, which is a crucial element for overall mental and physical well-being.		X			Working in partnership is important and will be addressed through the delivery of the strategic objectives, steps and actions, performance indicators and targets. The Nature Conservation Team have good links with the University to explore wider GI and Biodiversity improvement opportunities.
All very good intentions.				X	
The plans for the Woolworths building look great! We need more like this! However My only concern is with it being social housing. Will they maintain and look after it? I've also noticed the plans involve a second public area which is great! However this too will also need to be maintained and looked after. After seeing what happened in Penlan with the trees it				X	

Comment	A	AP	OS	NA	Response
doesn't fill me with confidence. Something needs to be done to the building behind Argos.					
Reiterate earlier comments around design quality and siting of GI in order to maximise the benefits of these enhancements, rather than pursuing large-scale schemes which could deliver area-based or percentage targets while compromising the net gain in infrastructure. Initiatives such as Tiny Forests for example, could deliver concentrated improvements in GI in highly constrained spaces, so qualitative as well as quantitative targets will be important. Also an idea of the regulatory/legislative frameworks through which developers will be stimulated and supported to deliver high quality GI in a highly competitive and pressured construction sector.				X	Policy context for developers outlined above. The strategy is about improving quality as well as quantity
We can achieve this and more. This is a massive opportunity and I really hope this is not another half arsed attempt that doesn't satisfy expectations.				X	

Question 4: The Strategy focuses on enhancing green infrastructure in the Swansea Central Area from the train station to the Maritime Quarter. This includes High Street, Castle Square, St Mary's Church, St David's Church, across Oystermouth Road to the new Coastal Park. Green links will also be made with Oxford Street and the Kingsway to the west and the River Tawe to the east. Are there any other areas in the central area where you would like to see enhanced green infrastructure?

Comment	Action				Response
	A	AP	OS	NA	
Hafod up to Morriston			X		Area will be covered in County wide Strategy
St Helens Road			X		Area will be covered in County wide Strategy
There is scope to install GI on open top-level multi-storey car parks, such as close to the train station.				X	

Upper High Street to Dyfatty Lights, Dyfatty Street, Orchard Street.			X		Area will be covered in County wide Strategy
green areas in the city centre shopping area would be great				X	
Carmarthen Road approach, more park and rides.			X		Area will be covered in County wide Strategy
Roofs are perhaps a wasted opportunity but I appreciate that costs may be prohibitive. I would also like to see more trees and green areas leading out to the Uplands along Walter Road but doing this might perhaps be better achieved by encouraging the residential blocks and businesses in the old terraces on Walter Road to take up the concrete in their front garden areas and replace them with more permeable, greener surfaces. Too many of these elevated garden areas are just concreted over.			X		Area will be covered in County wide Strategy
The area around the maritime museum which forms a pleasant green should be maintained and extended. It is really important that the addition of a digital arena is not allowed to make this part of the city a no-go area for most of its residents and that the increased traffic which such an addition can be expected to generate is not able to make its impact on access to the city for residents and visitors who do not wish to attend events there which are most likely to attract occasional short term visitors with no investment in consideration of sustaining the city as a pleasant environment for residents and many visitors.				X	
Princess Way, especially the pedestrianised area leading towards the Kingsway.				X	
Villages and the outer areas of Swansea need to be thought of as well, not just central Swansea. There should be pathways and green areas accessible wherever we live.			X		Area will be covered in County wide Strategy
Why only central, this should include the whole sweep of Swansea Bay.			X		Area will be covered in County wide Strategy
I'm not one for looking up at roofs for fear of being crapped on by a pigeon or seagull but there are large				X	

Comment					Response
roof spaces that are underutilised, I'm not even sure if I've seen a solar panel in the city centre.. However the improvements to rent/rates begs the question why haven't their owners considered installing these... Also Green Roofs and vertical walls are still a futuristic vision... it's a shame that cladding that's a danger to human life near Castle Gardens wasn't a moss and fern installation... Let's not jump on the plant tree bandwagon and thing more strategically on how to achieve these goals					
The sa1			X		Area will be covered in County wide Strategy
North of the High Street all the way to Dyfatty lights and include Dyfatty Street all the way down to Alexandra Road too.			X		Area will be covered in County wide Strategy
Port Tennant Area			X		Area will be covered in County wide Strategy
Mayhill North			X		Area will be covered in County wide Strategy
Although this is focusing on the city centre it could in some way include ALL areas of Swansea. Just because visitors and the public are more likely to see the city centre, it doesn't mean the other area of Swansea should be ignored both residential and industrial. Everyone should be involved and given the chance to be.			X		County wide Strategy currently in development will cover all areas across the county.
Castle Gardens need to be green it should never have gone all concrete who's brilliant idea was that!!!				X	
These things don't happen overnight, but this is a good start. However, the Council needs to be serious. The station car park for example could provide a fantastic opportunity for greening the infrastructure right outside the railway station. We need to visible evidence that the strategy is delivering.				X	Performance Indicators have been added (see Appendix1). Implementation will be addressed through the Action Plan and monitoring / reporting on PI's. The station car park has been redeveloped.
If this was up to me, I'd utilise all of the space within Swansea to be covered in as much green infrastructure as possible! Wherever there is a space, I'd fill it with nature as we are at a point in time where we must put environmental solutions at the forefront of all that we do				X	

in order to secure a prosperous and liveable future for all.					
There is no "residency" in the city centre that would utilise this. Populous has been driven out of the city centre, there is no reason for people to visit, stay or use the facilities. The restrictive parking imposed across the city centre drives people away after 1 or 2 hour parking restrictions. Why pay to park when there are out of town free parking facilities available.				X	
The area around and including the old Albert Hall badly needs attention. That building is a real eyesore.				X	
This kind of exercise will need to take place throughout the city overtime, but the area identified is a good and logical starting point. In future it would be good to seek to build around and away from this area.				X	
The road that runs behind Argos. The building opposite the homeless shelter needs to be removed or replace. In that area there seems to be quite a bit of Japanese knotweed that needs to be removed.				X	Comments shared with relevant service areas.
SA1 area.			X		Area will be covered in County wide Strategy
Wind Street. The 'cafe quarter' we were promised years ago.				X	
The whole SA1 marina area is covered in pavement, during the summer it's unbearable to walk around in the heat and glare. The same goes for the bay campus, why is there so much concrete? Why restrict it to just these areas, why not apply it to the whole city centre. Also make Fabian Way have more green space, this could be a great entry to the city, where have the natural flowers gone? Also our terrible European boulevard needs to have grass and plants, again why is there so much pavement, its dull and dire looking.				X	A County wide GI strategy is also being prepared which will take into account these areas.

Question 5: To achieve and monitor the strategy's aspirations and to manage and maintain green infrastructure, Natural Resources Wales and Swansea Council are looking to work with local businesses, community groups, residents and other public organisations. This is only one approach, do you have any further suggestions on how we might monitor and manage green infrastructure.

Comment	Action				Response
	A	AP	OS	NA	
Annual update reports		X			A monitoring and reporting process will be developed as part of the Action Plan for implementation
Include the future generation in schools				X	Engaged with all 4 primary schools in the city centre catchment: Terrace Road, St Helens, Christchurch and Brynymor at the start of the preparation of the strategy. They were revisited during the draft strategy consultation stage. A 'strategy on a page' version is planned and will be shared with the schools.
I agree with your approach - the more benefit that people see, in particular local communities and businesses, the more keen they will probably be to ensure that their local bit of GI is well preserved. Those individuals will need to be encouraged to do this, to be "given permission" to intervene (such as the watering of street trees that's happening) and to see the feedback and monitoring that SC and NRW will do.				X	
Go to the source of some of the problem - traffic standing still				X	
The key will just be to ensure that all of those organisations work together and not at cross-purposes.				X	
Through planning permission, highways agency				X	Introducing planning restrictions is outside the scope of this strategy. However, all new developments will be considered against the requirements of national planning policy and adopted LDP Policy, which require that development maximises opportunities to maintain and enhance GI. SPG on GI will also be

					prepared to provide further guidance on the implementation of planning policy.
Employ your own direct labour force specifically for this work.		X			Training and developing skills was one of the themes which came out of the engagement process and will therefore be part of the implementation process addressed through the Action Plan. For example; Parks Services – training and upskilling for new GI technologies.
Have more carparks for people to park			X		Comment passed on to relevant service area.
Have an active input to planning applications that are being made, by businesses in particular, that can have massive effects on our health and wellbeing e.g. Biffa (proposed incinerator in Swansea). Please check this planning application. Having the Steel Works on our doorstep is bad enough.				X	See above response on policy requirements.
Annual Green Awards with specific categories for new builds, community involvement and individuals. Use of Green 'Ambassadors' from schools or community groups		X			One of the strategic objectives is to ensure stakeholder and community engagement in the development, design and maintenance of GI. This will be achieved through the Action Plan.
All groups should be involved not only Council nominated groups.		X			During the development of the strategy the Council endeavoured to engage with as many stakeholders as possible including spending time in 10 locations across the city centre where 634 face to face conversations with members of the pubic were held, also the strategy was publicised via social media and through community groups and local residents associations. The Council will be looking to continue the conversation via these methods and increase involvement as the strategy is implemented to assess its progress and success.
It would be a testing time if we are the first UK city to have a green Infrastructure strategy, I think we need to look to centres of excellence and try and try again if something doesn't work. Wealth is a funny thing and seeing new infrastructure fail is almost chucking money				X	

Comment					Response
in the bin... once you have one example of where it works (solar panels, green roofs, vertical walls, it should be recommended almost like how we suddenly have 20 plus barbershops in town still surviving					
School involvement				X	Engaged with all 4 primary schools in the city centre catchment: Terrace Road, St Helens, Christchurch and Brynymor at the start of the preparation of the strategy. They were revisited during the draft strategy consultation stage. A 'strategy on a page' version is planned and will be shared with the schools.
By getting schools, colleges and universities involved. Give the public some pride in their city. If people know that their kids or someone else's kids helped plant flowers, design the garden, build insect boxes, bird boxes.... People will want to look after it and protect it. Would also help with getting people on board with the idea. Also use the new display screens dotted around the city to show this work off. I've said many times before how these screens could be used to showcase poetry from schools, colleges, and universities.... All ties people into the city. Yes advertise shops and restaurants but the screens should also be used for many other things.				X	See engagement with stakeholders response above
Employing a sustainability officer to oversee the plans.				X	The Council's Nature Conservation Team Sustainable Policy Officer and NRW's Sustainable Places Officer are jointly leading on the development and implementation of the strategy.
Do with the people not too the people if possible.		X			NRW and the Council were keen to put stakeholders at the centre right from the start. The project started with an engagement programme designed to speak to as many people as possible about what nature in the city meant to them. The final version of the strategy has been amended to provide a clear objective relating to stakeholder and community involvement

					accompanied by a specific performance indicator to measure the success of this objective.
National companies (who have plenty of financial resources) that have a presence in our city. The football and rugby teams, local news / media and celebrities.				X	
Get sensible people!!				X	
Engage communities on a wider scale. Provide opportunities to partake in events, join organisations like the Woodland Trust. This is a long term issue, and not just about a political cycle. Mother Nature does not negotiate nor does she respect political cycles,				X	See engagement with stakeholders response above
I implore you to consider working closely with the University Tree society as we are all extremely passionate about protecting and preserving our environment as much as possible. We would all be extremely happy to help with as much of this project as possible, so I hope to hear from you soon!				X	See engagement with stakeholders response above
Yes, pay the correct salary for professionally qualified staff in the Council to retain and encourage people to want to gain employment and work for the citizens of Swansea. We have now been left with unqualified, inexperienced people on our workforce, led by senior managers who are chasing salaries and not the betterment of Swansea.				X	An amended Strategic Objective focuses on building skills and experience within the Council and partner organisations (see Appendix 1). The Action Plan will also create a training programme to build capacity
Many young people are inspired by the current impetus for countering climate change; involve younger people through school discussion groups and forums.				X	See engagement with stakeholders response above
Create a city application. Encourage people to download it. In the areas such as castle square, Kingsway, High Street, the new public area by the oceans site, market, bus station, shopping centre. Install QR readers. Whenever bins need emptying, rubbish picked up, floors cleaned, maintenance to flowerbeds, grass cut. People can scan and select the issue. The Application can also be used to promote events, competitions like the best city picture, offers like the Swansea discount cards, public notices...			X		Comments to be shared with relevant service areas.

Comment					Response
Earthwatch Europe is not local to Swansea, but we do provide a number of citizen science tools which can both connect people with the environment and contribute to monitoring the impact of GI improvements, which we would be keen to offer to Swansea alongside this strategy.				X	The strategy includes a revised strategic objective to '*Ensure stakeholder and community involvement in the design and maintenance of GI'.* This is supported by a specific Performance Indicator (see Appendix1).
Work with local schools to develop green champions who can monitor for you whilst gaining an understanding of biodiversity and nature generally. Develop local environmental coordinators.		X			The strategy includes a revised strategic objective to '*Ensure stakeholder and community involvement in the design and maintenance of GI'.* This is supported by a specific Performance Indicator (see Appendix1). The Action Plan will also contain actions to deliver this objective.
No doubt that you know this but I thought I'd say that Paris has a good way of achieving more green space by allowing people to apply for permits to look after green areas. I've always thought that local businesses be made to do more outside their business of work. For example walking along St. Helen's Road and you despair at the lack any natural beauty, it's looking very tired and it's deteriorating.		X			See comment above. The Action Plan will look at innovative ways of maintaining GI.
Involve schools. Teach in schools to value what we have and what this plan is trying to do				X	The 4 primary schools in the city centre catchment, Terrace Road, St Helens, Christchurch and Brynymor were engaged during the development of the strategy. Both NRW and the Council support schools / provide resources / sessions in environmental education.
Regular publicity and updates e.g. in Evening Post and Swansea Leader				X	

Question 6: Are you a developer or do you have a professional interest in the draft strategy? If you answer YES you will proceed to questions about the Green Space Factor Tool, green infrastructure typologies and other more specific questions. If you answer NO you will proceed to the end of the survey.

Are you a delevoper or do you have professional interest in the strategy?

- 16%
- 84%

■ Yes ■ No

Question 7: The strategic objectives include aspirations for Swansea to become a Sponge City, Biophilic City, National Park City, UNESCO Biosphere Reserve or Woodland City (from page 17 of the strategy). Have you had any experience delivering any of these options? If so please share you experience in particular any opportunities and/or barriers you foresee?

Comment	Action				Response
	A	AP	OS	NA	
No				X	
No.				X	
No				X	
We are considering a green roof/wall project at the moment on our offices along High Street at Coastal Housing Group. Funding could be key to this.				X	

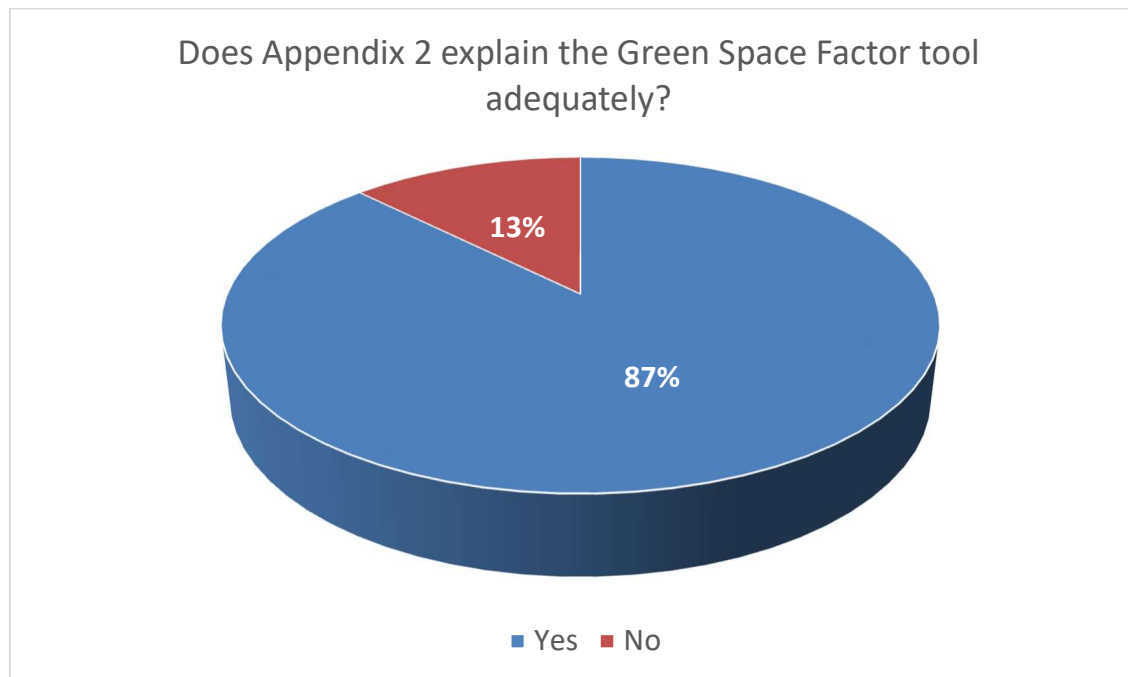| Comment	A	AP	OS	NA	Response
One of Earthwatch Europe's core focus areas is "creating thriving places to live and work". Within this we operate two key programmes - Climate Proof Cities, which works with localities to improve resilience within the urban fabric, and Naturehood, which connects communities with the biodiversity on their doorsteps. Both of these initiatives have a strong core of citizen science, empowering local people both to take environmental action, and to monitor and disseminate the impact that their actions are having. https://earthwatch.org.uk/working-with-business/climate-proof-cities https://naturehood.uk/get-involved/naturespace-actions In particular, our Tiny Forests project is specifically relevant. Designed to maximise GI value in highly constrained spaces, Tiny Forests can both directly deliver ecosystem services and also act as a focus for community engagement. This is a concept licensed to Earthwatch by IVN, who have been delivering this initiative successfully in the Netherlands in recent years. Key concept across all areas is a strong and ongoing process of community involvement. Without local ownership by the communities which they support and in which they are located, these GI improvements will not achieve sustained benefit.				X	

Question 8: In the chapter titled Implementation (starting on page 35) we set out several areas relating to working together; feasibility, impact, value, maintenance and monitoring. Do you have any ideas that are not included in this chapter which would help enable green infrastructure in the Swansea Central Area?

Comment	Action				Response
	A	AP	OS	NA	
No				X	
It is important to realise that the council does not control all of the land which could be included to accommodate green infrastructure. You should involve private owners to encourage them to take up hard landscaped areas such as I mentioned above on Walters Road. Walters Road has become subject to a lot of flooding but a lot of the private businesses and residences have simply concreted over their front garden areas.			X	X	Walters Road is outside the Swansea Central Area.
Speed up the Traffic lights in the city centre if possible			X		

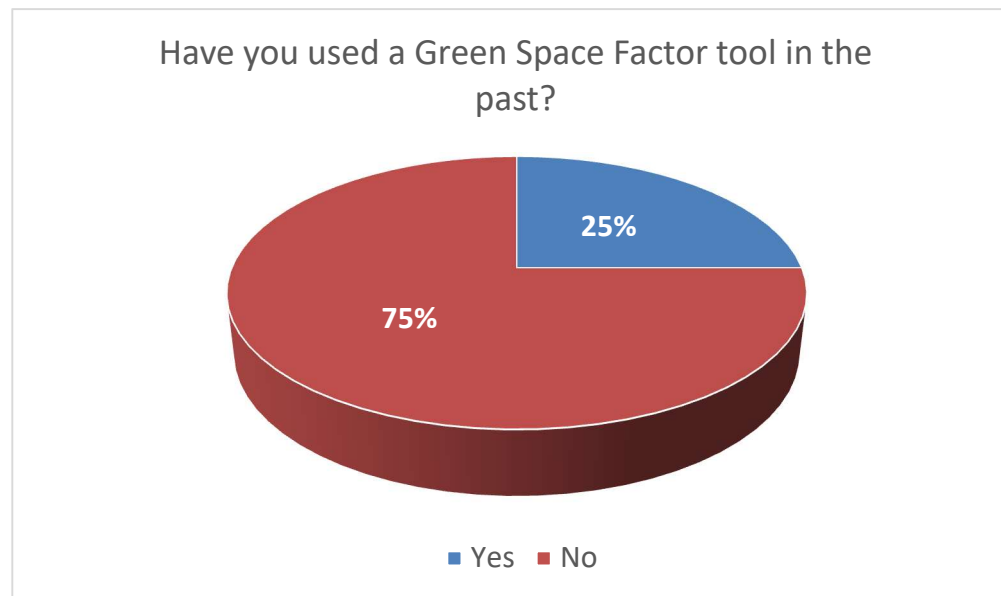| Comment					Response
Using local community groups/primary schools/interested groups to maintain our city.	X	X			The strategy includes a revised strategic objective to *'Ensure stakeholder and community involvement in the design and maintenance of GI'*. The Action Plan will look at innovative ways of maintaining GI (see Appendix1).
Perhaps review business rate model to see if any funding can be drawn to improve the green environment within the Swansea Central Area. With all the development planned for the centre of Swansea in the next few years, larger companies will be providing lots of new buildings, and redeveloped facilities. Surely an opportunity to obtain planning gain in terms of delivering on this strategy.				X	There are opportunities though the Swansea Business Improvement District (BID) partnership and Targeted Regeneration Investment (TRI) Programme which can support the delivery of the strategy and wider GI agenda.
Earthwatch Europe would advocate the inclusion of citizen science in this section. As well as dramatically increasing sample size for monitoring, citizen science connects people with their environments and promotes stewardship through creating a network of engaged local champions. Earthwatch has been delivering citizen science activities linked to environmental issues for nearly 50 years, including Freshwater Watch, Naturehood, and our climate proof cities programme.		X			This will form part of the Action Plan.

Question 9: The Green Space Factor (GSF) tool (Appendix 2 in the draft Strategy) is designed to assist planners, developers and designers in determining the appropriate level of urban greening. The Council and Natural Resources Wales are committed to using this tool and expect applicants to submit a GSF calculation in support of their plans. Does the Appendix explain the tool in enough detail?

Comment	Action				Response
	A	AP	OS	NA	
Could well be a reason why developers (especially large house builders) don't come to Swansea citing more costs. Their business model has to be challenged.				X	The Green Space Factor Tool is not mandatory. It is designed to help maximise compliance with the Welsh Government's statutory SUDs Standards 2019 and to help deliver place making as defined in Planning Policy Wales 10.
This should become the national standard for wales				X	

		X			Maintenance was one of the themes from the engagement work and through the development of the strategy. To reflect the need identified the strategy now has two strategic objectives designed to build skills around GI maintenance and identifying innovative maintenance solutions: *'Ensure stakeholder and community involvement in the design and maintenance of GI'* and *'Create a skilled and knowledgeable local economy to deliver and maintain GI'* (see Appendix1). The Action Plan will detail how the objectives will be met, and PI's will measure success.
The GSF tool is a useful reckoner at the design stage but takes no account of aftercare or management. Without effective management in place, backed up by monitoring, a number of the putative benefits within the tool will not be achieved, e.g. failed trees or planting will only deliver the outcome of permeable paving in real life, in spite of achieving a high score at the design stage. Whole-life planning and costing, and effective monitoring using citizen science tools, can help to mitigate this risk.					

Question 10: Have you used a Green Space Factor tool in the past?

Comment	Action				Response
	A	AP	OS	NA	
Hard to put a figure to assets value - subjective				X	The Tool has had track record of over 20 years of use around the world. The value allocated in the tool is based on this experience coupled with the priorities and needs highlighted by stakeholders during the development of the strategy and current Welsh legislation.
We haven't used the tool directly but have done significant work around its framework.				X	

Question 11: The quality and multi-functionality of green infrastructure are essential. The Urban Green Infrastructure typologies (Appendix 1 in the draft strategy) sets out the ecosystem services that each typology provides. Does Appendix 1 adequately demonstrate the quality and multi-functionality of green infrastructure? If not how could it be improved?

Comment	Action				Response
	A	AP	OS	NA	
Yes. examples of work done in annual update reports				X	
Yes. In fact perhaps more summaries/succinctness would be useful.				X	The steering group concluded that Appendix 1 (now Appendix 2) of the Strategy could not be summarised any further without the risk of losing valuable detail.
Yes, but I am no expert.				X	
Yes.				X	
This typology is quite public realm-facing, and does not have an element addressing connectivity of GI types. Particularly for wildlife and biodiversity, people's private spaces, and how they connect with each other and the public realm, are an incredibly important aspect of urban GI, and these metrics could potentially lead to development being approved with strong public spaces, but where the equally valuable private spaces are left with comparatively low-impact GI. Our Naturehood programme is already speaking with developers as to		X			Increases in GI, canopy cover and biodiversity will be performance indicators for the strategy. Connectivity will be measured through the monitoring process and will be addressed in the Action Plan.

Comment					
how positive ecological value can be incorporated into the design of new housing spaces, as well as retrofitted to existing housing stock.					

Question 12: Do you have any other comments on the draft Strategy Swansea Central Area: Regenerating Our City for Wellbeing and Wildlife?

Comment	Action				Response
	A	AP	OS	NA	
Interested to see how it will link to wider GI strategy				X	
Bird feeders located around the city centre in the winter months				X	Natural food supply from planting is the preferred option. This will be addressed via the Action Plan.
The Urban Heat Island effect (p11) is potentially damaging to health, as you indicate, though this is understating it - the UHI effect is a real threat to life, particularly for the elderly living in high rise accommodation. *Ref: Environ Health Perspect. 2012 Feb; 120(2): 254�?"259. Published online 2011 Sep 1. doi: 10.1289/ehp.1103532* Swansea LBAP (p23) needs updating. You're right to emphasise the crucial importance of a culture change (p24) in terms of cross sectoral working in relation to the climate and diversity crises we face. This culture change has to extend to the entire population and your work on GI and how you have framed it will contribute to that change.				X	
Yes - whilst i agree with the majority of what is being put forward, the strategy fails to address one of the main problems - traffic pollution. Currently, all the traffic is funnelled to certain target points, (car parks). This causes delays, and sitting traffic. If street parking was opened up by 50% from all the residents' only parking in the Sandfields, streets by the YMCA and St Thomas, people would look to park in different areas spreading the traffic flow around. A lot of the time the resident's			X		Transport is out of scope of the GI strategy, however comments on transport to be shared with relevant service areas.

Comment					Response
only spaces are not being used and it would make it easier for people to enjoy the city centre.					
About time! Well done and thank you.				X	
No.				X	
The environmental impact of the digital arena has not been appropriately considered in relation to sustainability, creating a pleasant and healthy environment for residents and older and longer staying visitors, it is likely to discourage enjoyment of the area around the marina, museums etc for many.				X	The Arena was designed taking into consideration the sustainable development principle and the wellbeing goals of the Wellbeing of Future Generations Act and a Sustainably Statement developed for the Phase 1 of the city centre regeneration.
more benches				X	
Green areas need to be drastically increased across the whole of Swansea, not just central. More Trees. Monitor planning applications such as Biffa. Look at how we can encourage electric car usage to clean up our air. Encourage and Introduce Zero Waste shops across Swansea. Make recycling difficult items more accessible, perhaps even from the kerb side, e.g. crisp packets, wrappers etc...			X	X	The Swansea Central Area and wider GI Strategies seek to assist in achieving this. Waste comments will be shared with the relevant service area.
Perhaps make more of specific areas of wildlife e.g. the Swansea peregrines on the BT building? Similar to Chichester where there is a webcam, public display (run by the RSPB) - people travel to Chichester just to see them		X			The Action Plan will promote the use of swift bricks and boxes etc.
Why only central Swansea, surely it should involve all of Swansea.				X	The emerging Countywide Strategy will cover all areas across the County.
Like I say we need to provide guidance, funding options, and knowledge of what will work and the vision as a baseline for developers and new business then add to our guidance, funding options, and knowledge pool with their ideas to enhance our city in the areas outlined. We've seen where a strategy has not worked, lessons need to be learned...		X			To be addressed in the Action Plan.
Looking forward to having a greener city				X	
Make betting use of singleton park as mentioned. Scrap the idea of introducing levels to castle square along with the unit. Levels will bring unwanted attention				X	Comments to be shared with relevant service areas.

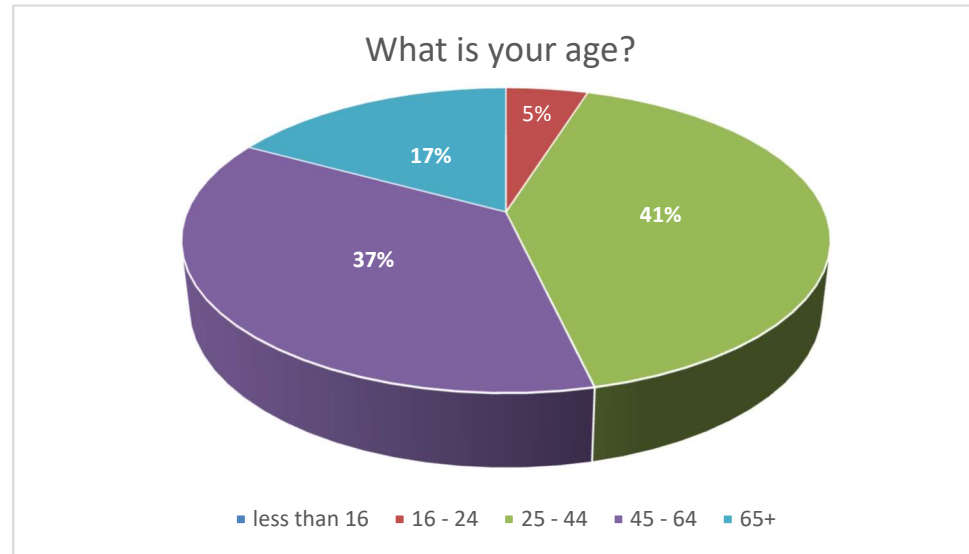|				
to hide within. No need for a unit when there are plenty of units surrounding castle square. Everyone just wants a garden. Maybe fence it off like the garden in Neath, Victoria garden? I think it's called. To protect it from damage. The garden could then be used Christmas time as an actual winter wonderland. Summer time you could create a nice green sitting area with the option to hire out deckchairs. Easter time an actual Easter egg hunt. Also off the topic but maybe add a statue or two prompting things in Swansea. Like the cockle women which in turn will promote the market and fish industry within Swansea and South Wales. Also promote our poetry more within the city. New buildings should also incorporate stained glass designed by the university. The university is known for it yet there's nothing on show within the city.				
I think bee friendly spaces need to be made an increased priority and discouraging general felling of trees in residential gardens throughout the city should be discouraged with some sort of more formal legislation. The amount of trees and greenery disappearing from gardens in favour of decking and concrete in recent years is shocking			X	
In a number of places there are references to "pedestrians and cyclists". Whilst that mixture might work for leisure activities, please don't use that provision to forget what is a key target for climate change - to get people out of their cars for their normal journeys, particularly to and from work. Commuting cyclists and pedestrians do not mix! Pedestrians want to be able to wander along, often in groups, without thinking about other traffic and they regularly complain about "speeding cyclists" i.e. ones going at typical cycling speeds of 12-20 mph. Cyclists just want to get to work or home as quickly as possible (like any other commuter) and if they have to slow down, ring their bell and wait to get past every couple of minutes they are			X	Comments on transport to be shared with relevant service areas.

going to get fed up and return to the car. Probably the most used commuter route is east/west where the road infrastructure is practically suicidal on a bike and in any case riding on the road results in annoyed drivers and abuse. Either the roads need to be accepted and safe as a place for "A to B" cyclists (as was normal 40 years ago) or there needs to be working segregation of shared use paths, e.g. using a kerb to split "road" from "pavement" as is done in some countries. Clearly this can't be magically produced immediately, but a long term greening project should be looking to a genuine cycling future not just families on Sunday afternoons.					
Please can we have it happen and get strong links with developing the plan with a strong 'placemaking' ethos - age friendly, child friendly, people friendly...futureproof friendly :)				X	
In many cities of America, when a developer wants to build something - whether it is a house or a housing estate, a drive-thru or a retail complex, they are expected to calculate the total cost and then 10% of that cost - the figure is then locked in to local government using for parks, recreation, and wildlife.				X	Introducing planning restrictions is outside the scope of this strategy.
Discouraging motor vehicles from entering the city centre (aside from public transport) and promoting sustainable and alternative transport i.e. cycling, walking etc.				X	Comments on transport to be shared with relevant service areas.
As a company working with young people we see this as a fantastic opportunity to make Swansea the city of choice for our youngsters to stay, live, work and play.				X	
Although the central area of Swansea is a focus of this I would like to see the council planting more trees/vegetation on the numerous grass areas, verges and roundabouts around the city. Also the plastic partitions that are placed/and being placed around the roundabouts of Swansea (to slow motorists as they approach) could also be planted with ivy's...etc to produce small green walls in these areas and be much				X	The Countywide Strategy currently in development will cover all areas across the County.

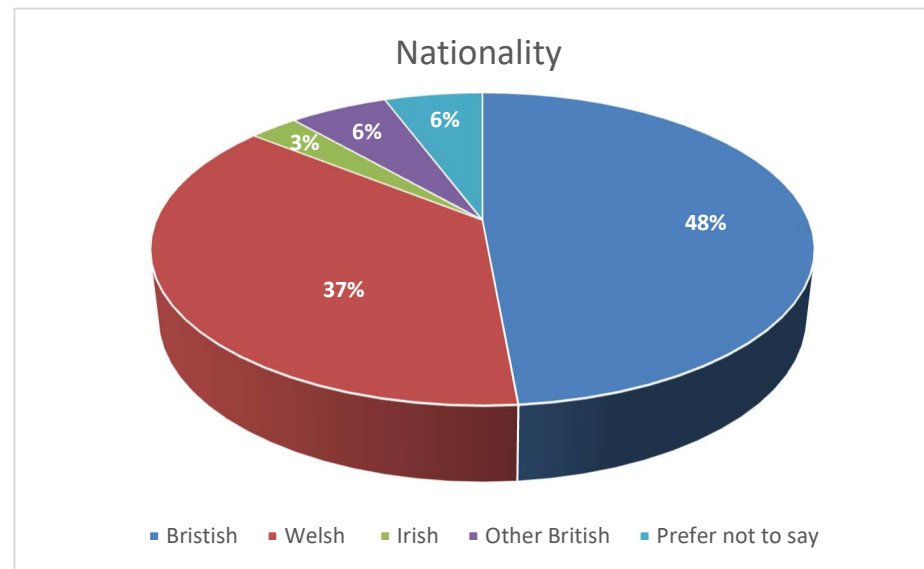|					
more pleasant to look at than the current plastic screens that are in place.					
Make sure there are flowers as well				X	
No				X	
As previously mentioned, I personally hope that the Council would consider utilising as much space as possible to enhance our overall green coverage. Nature should always be at the forefront of every decision as we desperately need to preserve, protect and grow our existing green network. I feel confident that Swansea could very well be the model image for other cities to follow suit and I would love to be a part of this. Please get in touch with me on treesociety@swansea-societies.co.uk to discuss our potential partnership further. THANK YOU!				X	
The aims are praiseworthy and supported; the key is achievability and a careful business plan that recognises costs and benefits.				X	
This is a great strategy which should be expanded to all Welsh towns and cities.				X	
Turn castle square back into a garden with Grass, flowers, trees, deckchair hire during the summer, daffodil garden for St David's, Easter egg hunt for Easter, an actual winter wonderland for Christmas. To prevent damage install a stone wall with fencing. Provide a strange for performers and entertainers.				X	Comments to be shared with relevant service areas.
Would like to see green facade buildings replacing the concrete sad buildings in Kingsway.				X	
Thank you for the opportunity to comment.				X	
Develop better canal infrastructure that will support local wildlife.			X		County wide Strategy currently in development will cover all areas across the County.
Have less traffic in the centre. More pedestrianised roads. Or trams				X	Comments on transport to be shared with relevant service areas.
I think it's vital to consider closing a section of High St to car traffic. I strongly suggest making the section from High St Station to Argos restricted to buses, taxis, bikes and pedestrians -- to make this a much more				X	Comments on transport to be shared with relevant service areas.

attractive space. E.g. see what Cardiff has done with St Mary`s Street,					
Please change the current plans to include more green space, it's too much pavement. And please can we have more green space on Kingsway, some of it is well done but some of it looks like an afterthought. The green space on the main road outside the bus station is a good example of how it should be done.				X	
We note the emphasis that the paper places on creating a green artery with 'High St being the key route from the Rail Station South, towards Kingsway to the West and Wind St to the South East' (p30) Earlier in the document it states that 'within the green artery pedestrians and cyclists will have priority' (p18) and supports this by saying that ' a cycle path can be an ecological as well as a transportation corridor' (p21) It is therefore disappointing that that there are no proposals at all with regard to cycling or walking. The document itself refers to High St as being 'heavily-built up, there are few pockets of vegetation'. Indeed for both cyclists and pedestrians, High St. is a thoroughly unpleasant experience with no provision at all for cycling and having lorries and cars in close proximity to shoppers and office workers. If High St is to be the start of a green artery, then the road area needs to be redesigned to accommodate cycling, walking and a greener landscape. We would therefore recommend that the report consider the following possible options. 1. Declare an Ultra-Low emission zone in the centre of the city meaning that Electric vehicles would predominate.			X		Changes to transport infrastructure is out of scope of this strategy. However there is potential to link GI with Active Travel routes to both enhance routes and optimise multi - benefits i.e. green corridors. The comments will be shared with Regeneration and Transportation and other relevant service areas to highlight opportunities to integrate GI.

|				
2. Make High St. and Castle St. Caer St and Princess way E-bus and E-taxi only bus lanes that cyclists could use. 3. Make High and Castle St. one way to motor traffic thereby increasing the area available to accommodate green vegetation and a 2 way cycling provision. 4. Make High St and Castle St a pedestrian and cycling only zone, massively increasing the area available for greening In addition, attention needs to be paid to the extension of the green artery to Wind St and lower Princessway. We would recommend. 5. That one of the 2 South East bound lanes on Wind St. should be turned into a cycle lane for 2 way cycling which would allow additional space for extra greenery. 6. That St Mary's St and St Mary's Square should offer be closed to traffic completely and turned into a cycleway, pavements and green area.				

Question 15: What is your age?

Question 16: Nationality - would you describe yourself as?

Comments on selection:
Irish by birth but living and working in Swansea for 30 years.
This has no relevance
European
British
Born in Swansea and with ancestors all born and lived in Swansea as far back (so far researched) as 1577 and probably before. I care about Swansea
Jewish British

Question 17: What is your ethnic group?
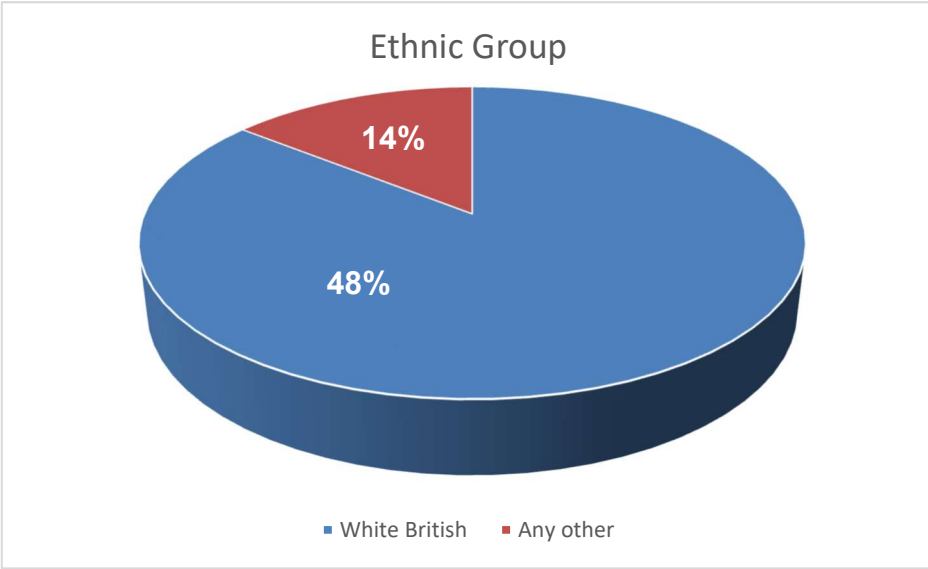
Comments
White European. There is no such thing as a White British ethnicity.
This has no relevance
N/A
Human
African-Arab
Jewish

Question 18: What is your postcode?

Respondents Postcodes

Postcode: SA1 = 13, SA2 = 6, SA3 = 4, SA4 = 3, SA5 = 3, SA6 = 2, SA9 = 1, SA10 = 1, CF5 = 1, CF31 = 1, RG14 = 1, OX2 = 1
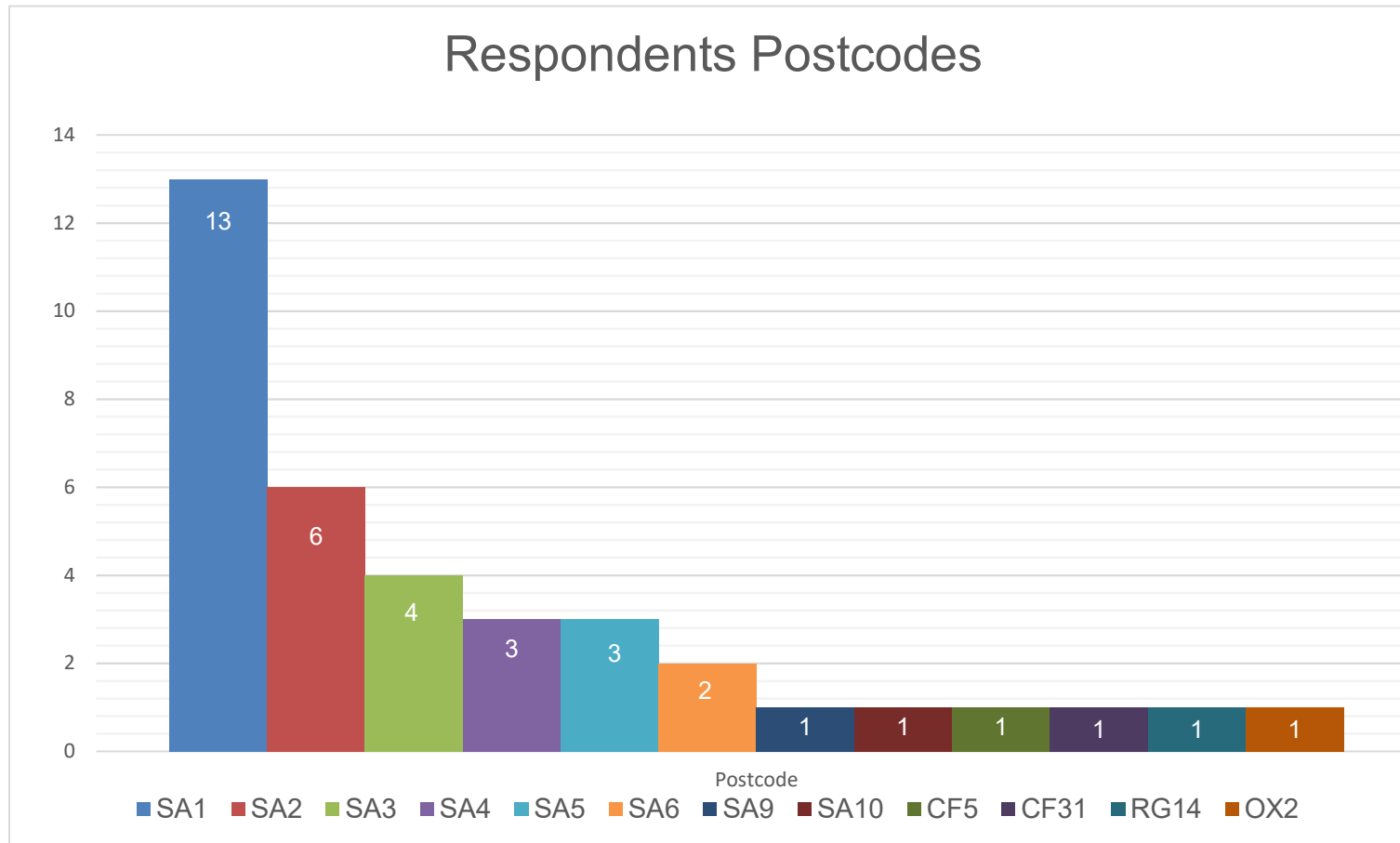
Consultation Workshops

The following workshops were held:

A. Consultation with local primary schools within the Swansea Central Area catchment
B. Swansea Central Library Consultation

A. Consultation with Local Primary Schools within the Central Area catchment

4 sessions with the 4 primary schools (St Helens, Terrace Road, Christchurch and Brynymor) were held focusing on the vision and the objectives. Comments from the discussion are listed below. The Steering Group concluded that the response would provide valuable content for the proposed Strategy on a Page/Easy Read Version.

Comment	Action				Response
	A	**AP**	**OS**	**NA**	
Nature – greenery, wildlife Resilience – strong, positive Wellbeing – exercise, strong Healthy – free, explore Multifunctional – smart, science, busy, skills, very helpful Happiness – Joy, fun, excited, kindness, responsibility	X				Excellent words for the strategy on a page
Nature – greenery, wildlife Resilience – strong, positive Wellbeing – exercise, strong Healthy – free, explore Multifunctional – smart, science, busy, skills, very helpful Happiness – Joy, fun, excited, kindness, responsibility	X				Excellent words for the strategy on a page
Nature – green areas, wildlife, flowers, insects, trees, animals Resilience – trying hard, not giving up, positive Wellbeing / healthy - fruit, exercise, trees, bees, water, free to explore Multifunctional - buildings, cooking, experience, science, busy, skilled, rain garden, bug hotel Happiness – joyful, fun, enjoy, kindness	X				Excellent words for the strategy on a page

Multifunctional – science, busy, skills, rain garden, building Happiness – Joy, kindness Nature – greenery, wildlife, trees Resilience – positive trying harder Wellbeing – free to explore, exercise, sports water	X				Excellent words for the strategy on a page
Prosperity Wellbeing – exercise, fruit, healthy Multifunctional – busy, skilled, solar panels, nectar, buildings, experienced Happiness – joyful, enjoy, fun, kindness Resilience – working hard, independence, positive Nature – wildlife, greenery, flowers Free to explore	X				Excellent words for the strategy on a page
Healthy wildlife, greenery, grass, positive, wealth, exercise, fruit, milk, reses, happy, free to explore, building, smart, experienced, busy, skilful, saving bees, joyful, fun, relaxed.					
Green, flowers, bushes, positive, resilience, wellbeing, potatoes, water, fruit and veg, fresh air, fit, joy, fun, happy, free parks, sometime, milk, yoghurt	X				Excellent words for the strategy on a page
Greenery, strong, milk, fit, trees, busy, skills, boy, rain garden, trees, flowers, positive, healthy – milk apples, happiness – explore, buildings, hard, exercise, cooker, skilled, animals,	X				Excellent words for the strategy on a page
Trees, exercise, cooker, beautiful, bees, milk, plants	X				Excellent words for the strategy on a page
Joy, fun, kindness, excellent, solar roof, smart, busy, skills, workshop, greenery, flowers, grass, trying hard, wellbeing, fruit, love the greenery, wealth, positive, trees	X				Excellent words for the strategy on a page
Schools can plant more trees, and don't destroy nature that is there already only make it better, Healthy – plant more veg, Have gardens as people don't always have them.				X	
It is nicer				X	
Peaceful spaces for people and nature, make nature even better than it is now, tell us where they put the nature first, before building stuff, nature must be part of it.				X	
More bees more grass				X	
More bees and more grass				X	

Statement					Comments
More parks on top of buildings because to get outside is healthier and it is fun and it will make you happy.				X	
High quality incorporation of greenery throughout the city centre, increases the variety of happiness within the population of the area. It's also encourages people to the healthier and spend money in Swansea. It also benefits the environment by bringing wildlife and assisting the atmosphere.				X	
Adding solar panels, mitigating the heat island effect – if we put more flowers around the city it will keep us cool and it will help wildlife. Trees – if we plant more trees birds can eat, animals will be happy and so will people. Save water – if we put more pipes around.				X	
Sponge city – I feel the sponge city is a great idea for our planet, because it will make our city more green rather than just blowing on concrete floor. My ideas – green walls, berry trees, flower beds, fountain with flowers, green roof.				X	
Provide a high quality environment – wooden bug hotels, hanging flower baskets, trees with bird feeders, trees with berries and tree houses.				X	
Do not give up, we need wealth – attract more visitors, we need more green in Swansea.				X	
Do not give up we need wealth, attract more visitors we need more green in Swansea.				X	
Do not give up, buildings good and happy wildlife				X	
We need sponge city, because its sucks water instead of putting it down the drain.				X	
Sponge – act like a sponge, GI green space, green environment, surrounded by nature. Multifunctional GI – multi-tasking Resilience – space to bounce back Prosperity – healthier happier lifestyle, positive place Citizens – Community / residents Health – create peaceful place and help people get along. Wellbeing – Comfortable, happy, healthy, valued, no rules for nature – 'let nature go free'	X				Excellent words for the strategy on a page
A garden with grass and benches and when you are in there be quite and have flowers in there.				X	

Comment	Action				Notes
	A	AP	OS	NA	
When nature is strong it helps other animals	X				Excellent words for the strategy on a page
Not just grass we need flowers, insects and trees				X	
There is a lot of grass everywhere but not many trees				X	
Castel square looks all broken and mouldy				X	
Water and space for frogs				X	
Important words – all of them, citizens , nature	X				Excellent words for the strategy on a page
More bins and people need to put stuff in the bins / signs for the bins				X	Share comments with relevant service.
Multifunctional = busy nature	X				Excellent words for the strategy on a page

B. Swansea Central Library session

A consultation event was held in Swansea central library focusing on the vision and objectives. Consultees were supportive of the vision and objectives and made the following comments.

Comment	Action				Notes
	A	AP	OS	NA	
Ban chewing gum in town, Swansea is dirty				X	
Too much ugly space, more nature looks better, nice to be there				X	
Castel square needs shade to sit under				X	
Like the wavey bit in Princess Way – greenspaces need to be maintained so they look good.				X	
I agree with nature in the city centre.				X	
Prom a major asset, need to use this more, encourage people to walk and meet each other. Link to the city too.				X	
Greenery is an asset to the city centre, all for more greenery but it needs maintenance.				X	
Good to have greenery in the city centre					
Need for jargon free strategy on a page	X				Strategy on a page to be jargon free.

The consultation process raised a number of questions about the relationship between the strategic objects, targets and the implementation of quantitative targets. As a result the GI Steering Group reviewed the Strategic Objectives and the need to provide SMART objectives, which reflected each component of the vision.

The original Strategic Objectives have been replaced with new Strategic Objectives and a set of SMART Performance Indicators (PIs) developed. The PI's include elements of the original objectives and targets. Other elements of the original targets are more appropriate as part of the Action Plan which will be published separately and after the Strategy.

Strategic Objectives:-

- Provide a high quality nature rich environment.
- Create a distinctive destination city.
- Ensure the city is resilient to the impacts of climate change.
- Ensure stakeholder and community involvement in the design and maintenance of GI.
- Create a skilled and knowledgeable local economy to deliver and maintain GI.

The strategic objectives are designed to contribute **directly** to as many elements of the vison as possible as outlined in the table below. Each strategic objective will contribute **indirectly** to all the elements of the vision.

Objective	Contribution to the vision					
	Nature	**Health**	**Prosperity**	**Wellbeing**	**Resilience**	**Happiness**
Provide a high quality nature rich environment	✓	✓		✓	✓	✓
Create a distinctive destination city	✓		✓	✓		✓
Ensure the city is resilient to the impacts of climate change	✓	✓		✓	✓	✓
Build opportunities for stakeholder and community involvement into the design and maintenance of GI.			✓	✓	✓	✓
Create a skilled and knowledgeable local economy to deliver and maintain GI.			✓	✓	✓	

The following performance indicators have been set:

1. Increase terrestrial green infrastructure.
2. Increase canopy cover.
3. Increase biodiversity.
4. Green Infrastructure to achieve the strategy's five principles by being multifunctional, biodiverse, adapted for climate change, healthy, and smart and sustainable.
5. Number of green roofs installed to GRO code requirements.
6. Number of GI projects enabled by the Target Regeneration Investment (TRI) programme or similar.
7. Monitor using mapping data.
8. Working with partners to assess available data for monitoring.
9. Number of GI projects incepted / co-produced and/or maintained by stakeholders.
10. Number of events to raise awareness of green infrastructure for businesses / organisations to build the local green infrastructure sector.
11. Number of SME's specialising in delivery and maintenance of GI.

The following targets have been set:

1. Increase terrestrial GI to 26% by 2030
2. Increase canopy cover to 20 – 25% by 2044