



NOTICE OF MEETING

CABINET MEMBER FOR CLIMATE CHANGE AND ENVIRONMENT

MONDAY, 18 JULY 2022 AT 1PM

COUNCIL CHAMBER - THE GUILDHALL, PORTSMOUTH

Telephone enquiries to 023 9283 4060

Email: democratic@portsmouthcc.gov.uk

If any member of the public wishing to attend the meeting has access requirements, please notify the contact named above.

Membership

Councillor Kimberly Barrett (Cabinet Member)

Councillor Charlotte Gerada

Councillor Robert New

Councillor Russell Simpson

Information with regard to public access due to Covid precautions

- Following the government announcement 'Living with COVID-19' made on 21 February and the end of universal free testing from 1st April, attendees are no longer required to undertake an asymptomatic/ lateral flow test within 48 hours of the meeting however we still encourage attendees to follow the PH precautions we have followed over the last two years to protect themselves and others including vaccination and taking a lateral flow test should they wish.
- We strongly recommend that attendees should be double vaccinated and have received a booster.
- If symptomatic we encourage you not to attend the meeting but to stay at home. Updated government guidance from 1 April advises people with a respiratory infection, a high temperature and who feel unwell, to stay at home and avoid contact with other people, until they feel well enough to resume normal activities and they no longer have a high temperature. From 1 April, anyone with a positive COVID-19 test result is being advised to follow this guidance for five days, which is the period when you are most infectious.
- We encourage all attendees to wear a face covering while moving around crowded areas of the Guildhall.
- Although not a legal requirement, attendees are strongly encouraged to keep a social distance and take opportunities to prevent the spread of infection by following the 'hands, face, space' and 'catch it, kill it, bin it' advice that also protects us from other winter viruses.

- Hand sanitiser is provided at the entrance and throughout the Guildhall. All attendees are encouraged to make use of hand sanitiser on entry to the Guildhall.
- Those not participating in the meeting and wish to view proceedings are encouraged to do so remotely via the livestream link.
- Although not a legal requirement, attendees are strongly encouraged to keep a social distance and take opportunities to prevent the spread of infection by following the 'hands, face, space' and 'catch it, kill it, bin it' advice that also protects us from other winter viruses

(NB This agenda should be retained for future reference with the minutes of this meeting).

Please note that the agenda, minutes and non-exempt reports are available to view online on the Portsmouth City Council website: www.portsmouth.gov.uk

Deputations by members of the public may be made on any item where a decision is going to be taken. The request should be made in writing to the contact officer (above) by 12 noon of the working day before the meeting, and must include the purpose of the deputation (for example, for or against the recommendations). Email requests are accepted.

AGENDA

1 Apologies for Absence

2 Declarations of Members' Interests

3 Greening the city - funding application criteria

This report will follow.

4 Forward Plan Omission Notice - Low Carbon Projects Fund

Forward Plan Omission

The Low Carbon Projects Fund report was omitted from the Forward Plan covering 20 May to 20 August 2022. The Chair of the City Council's Scrutiny Management Panel has been notified and a public notice published.

RECOMMENDED that:

- 1. The omission to the Forward Plan for 20 May to 20 August 2022 be noted and**
- 2. Publication of the omission notice be noted.**

5 Low Carbon Projects Fund (Pages 5 - 26)

Purpose of the report.

1. To seek approval to borrow for projects that will reduce carbon emissions by financing renewable energy and energy efficiency projects. The projects funded will have a financial return on investment within Prudential borrowing rules.
2. To provide a narrative statement regarding the nature of the projects that will be in scope of this borrowing facility and providing a selection of known examples of the more advanced projects.
3. To show the quantum of carbon reductions possible within the scope of known investable renewable and energy efficiency projects; and how these projects align with the Council's Net Zero Carbon ambitions and strategy.

RECOMMENDED that the Cabinet Member for Climate Change & the Environment approves the following recommendations for onward approval at Full Council:

1. Approves the aims of this borrowing facility in the context of the climate emergency and the council's net zero carbon ambition.
2. That subject to a satisfactory financial appraisal that delegated authority is given to the Director of Housing, Neighbourhoods and Building Services and the Section 151 Officer, in consultation with the City Solicitor and Portfolio Holder for Climate Change and Environment to use unsupported borrowing to:
 - Approve the financing of projects associated with renewable energy
 - Approve the financing of projects associated with energy efficiency
 - Approve the financing of projects associated with other climate change mitigation where there is a clear financial rationale for their implementation
3. Approves a borrowing facility of up to £30 million to be invested in such projects, subject to financial feasibility and the Council's limit of indebtedness.
4. Notes that these energy and climate projects may be implemented upon the Council's portfolio of buildings and land; or may be implemented upon the buildings and assets of other organisations in the city.
5. Notes the Energy Services team will continue to identify and seek external funding opportunities to contribute to these initiatives to reduce the reliance on unsupported borrowing.

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Agenda Item 5



Portsmouth
CITY COUNCIL

Title of meeting:	Climate Change and the Environment
	Full Council
Date of meeting:	18 th July 2022
	19 th July 2022
Subject:	Low Carbon Projects Fund
Report by:	James Hill - Director for Housing, Neighbourhood and Building Services
Report Author:	Andrew Waggott, Head of Energy Services
	Wayne Layton, Finance Manager
Wards affected:	All
Key decision:	Yes
Full Council decision:	Yes

1. Purpose of report

- 1.1 To seek approval to borrow for projects that will reduce carbon emissions by financing renewable energy and energy efficiency projects. The projects funded will have a financial return on investment within Prudential borrowing rules.
- 1.2 To provide a narrative statement regarding the nature of the projects that will be in scope of this borrowing facility and providing a selection of known examples of the more advanced projects.
- 1.3 To show the quantum of carbon reductions possible within the scope of known investable renewable and energy efficiency projects; and how these projects align with the Council's Net Zero Carbon ambitions and strategy.

2. Recommendations

It is recommended that the Portfolio Holder notes and approves the following recommendations for onward approval at Full Council:

- 2.1 Approves the aims of this borrowing facility in the context of the climate emergency and the Council's net zero carbon ambition.

- 2.2 That subject to a satisfactory financial appraisal that delegated authority is given to the Director of Housing Neighbourhoods and Building Services and the Section 151 Officer, in consultation with the City Solicitor and Portfolio holder for Climate Change and Environment to use Unsupported borrowing to:
- Approve the financing of projects associated with renewable energy
 - Approve the financing of projects associated with energy efficiency
 - Approve the financing of projects associated with other climate change mitigation where there is a clear financial rationale for their implementation
- 2.3 Approves a borrowing facility of up to £30 million to be invested in such projects, subject to financial feasibility and the Council's limit of indebtedness.
- 2.4 Notes that these energy and climate projects may be implemented upon the Council's portfolio of buildings and land; or may be implemented upon the buildings and assets of other organisations in the city.
- 2.5 Notes the Energy Services team will continue to identify and seek external funding opportunities to contribute to these initiatives to reduce the reliance on unsupported borrowing.

3. Background

- 3.1 Portsmouth City Council declared a 'climate emergency' in March 2019 which stated an ambition for all Scope 1, 2 & 3 carbon emissions to be reduced to net zero carbon across Portsmouth by 2030.
- 3.2 A key area of focus should be the energy consumption of buildings in the city, particularly those on the Council's corporate energy contracts, which account for 13,845 tonnes of carbon emissions each year (tCO₂e/a).
- 3.3 Energy costs are an increasingly large proportion of the Council's operational spend. Spikes in energy prices, broadly termed the 'energy crisis' have been seen since September 2021. This has been further compounded by the ongoing war in Ukraine.
- 3.4 The energy market is determined at global, as well as national scale. Market price fluctuations are largely outside of the control of the Council. The best way to ensure that energy expenditure can be kept low, is to reduce energy demand, or generate the power needed from embedded renewable generation.
- 3.5 The Council is just one organisation within the city among many, a lot of whom have significant building portfolios, energy expenditure and resulting emissions. Although many organisations are big energy users, they often focus on their core sector, and



as a result do not have capital budgets to invest into energy efficiency or renewable generation.

- 3.6 The Council has significant experience of having made energy investments in the past. It has operated a PV Investment Fund for solar investments since 2014. As a result, the Council has the largest rooftop investment of any local authority in the UK.
- 3.7 The Council has also used this fund to invest in renewable generation on the roofs of other organisations; academy groups, leisure operators, other local authorities and community centres have all had solar PV systems installed under power purchase agreements (PPAs). PPAs repay the investment to the funder, whilst the client site receives lower-cost, renewable electricity and reduces its carbon emissions accordingly.

4. Reasons for recommendations

- 4.1 The Council wishes to extend its investments in solar and other energy technologies across its own portfolio of buildings, and those of others, subject to a financial business case being evidenced.
- 4.2 The investments made by this borrowing facility will have the potential to create a long-term income and/or savings. Where these investments are made across the Council's own portfolio, savings and/or income will be seen. Where the investments are to third party client sites, the Council will generate income, often over a 25-year term.
- 4.3 As well as the carbon and energy savings within the Council's own portfolio; third party clients have the ability to reduce their carbon emissions and energy expenditure. This has the effect of reducing energy overheads and, dependent upon the technology in focus, may also help to mitigate air quality issues in the city.
- 4.4 This borrowing facility will give officers the confidence to be able to identify opportunities for investment and quickly realise them, subject to the financial appraisal, delegations and consultation with the cabinet member; whether on the Council's building assets or those of their third party clients.
- 4.5 A pipeline of deliverable investments made by access to the borrowing facility will be developed over time, however a number of investable schemes are already developed. The examples below are non-exhaustive, but are designed to show the three major scenarios in which an investment may be made:
- a) the Council's own, operated building
 - b) a Council-owned building, with a third-party operator, or
 - c) a third-party owned and operated building



Opportunity	Estimated Value	Carbon Reduction
<u>Lakeside Northarbour - 4.5MWp solar PV and 2MW battery storage:</u> Large Council-owned business park; solar car park canopies, roof-top solar, battery storage system, tenants' savings. Planning approval granted, grid approval granted, works can commence before the end of 2022.	£11 million	865 tCO ₂ e/a
School/Academy A - Proposed 160kWp roof-mounted solar PV.	£160,000	32 tCO ₂ e/a
Industrial Site A - Proposed 400kWp roof-mounted solar PV.	£400,000	83 tCO ₂ e/a

- 4.6 The borrowing facility should be established to allow for up to £30 million of investments to be made.
- 4.7 The Council is at different stages of discussion and readiness with the various live projects currently in the pipeline. There has also been significant demand and interest received from third party clients, so there is a reasonable expectation that, if some projects were to stall, then other opportunities could be brought forwards.

5. Integrated impact assessment

- 5.1 See Appendix A of this report.

6. Legal implications

- 6.1 The Council has the power under s1 of the Local Government Act 2003 to borrow money for any purpose relevant to its functions under any enactment or for the purposes of the prudent management of its financial affairs. The total amount that the Council may borrow is governed by the requirements of the Prudential Code published by the Chartered Institute of Public Finance and Accountancy (CIPFA).
- 6.2 From a functions perspective and in relation to activity on its own buildings/land, the incidental powers in s111 of the Local Government Act 1972 enables the Council to do anything (whether or not involving the expenditure, borrowing or lending of money or the acquisition or disposal of any property or right) which is calculated to



facilitate or is conducive or incidental to any of their functions. In this proposal the Council would be utilising its existing assets to reduce the burden of costs on the council (i.e. through its electricity charges).

- 6.3 In relation to the services to third parties the Council proposes, it is understood that the proposal would see the Council place energy generating equipment (PV etc) on third party property, the agreement of which would need to be secured through a lease agreed between the Council and the property owner. Separately, the Council would enter into a power purchase agreement (a contract) through which the Council would recover from the third party, the Council's investment and borrowing costs in the energy generating equipment.
- 6.4 The Council has broad powers under s 11 of the Local Government (Miscellaneous Provisions) Act 1976 to produce electricity, establish and operate generating stations for that purpose and use, sell or otherwise dispose of electricity produced (although sale is limited to electricity generated by heat). It is understood that the Council is not proposing to directly sell electricity itself.
- 6.5 The Council has broad powers to charge (i.e. impose a charge for the provision of a service on a cost recovery basis) and trade (i.e. do for a commercial purpose anything which the Council is authorised to do for the purpose of carrying on its ordinary functions) under s93 & 95 of the Local Government Act 2003. Where the Council proposes to undertake an activity "for a commercial purpose", then that activity must be done through a company. The proposal here however appears to be based primarily on policy considerations (i.e. addressing the declared climate change emergency) rather than to make for a purely commercial purposes (with any potential profit being incidental to the primary activity), and so would not require a company to be established. The Council should however ensure that this is carefully monitored to ensure compliance with the statutory powers.
- 6.6 The Council will also need to ensure that the activity is structured such that it is not a subsidy and therefore falls foul of the subsidy control rules. It is likely that it would not be considered a subsidy were the 'economic advantage' provided on market terms.

7. Director of Finance's comments

- 7.1 The recommendations within this report are asking for the Portfolio Holder to recommend for onward approval at full Council to grant delegated authority to amend the capital programme to invest in energy efficiency initiatives on City Council owned and other land and buildings not owned by the Council within the Portsmouth region.
- 7.2 Where the Council wishes to invest in energy saving projects on its own land and buildings, and subject to a satisfactory financial appraisal, the Council can invest in projects that support the wider environmental policy of reducing its carbon footprint, funded by Public Works Loans Board (PWLB) Unsupported borrowing.
- 7.3 Recent changes to the PWLB conditions prevent the Council from borrowing for yield. The guidance from the PWLB does however allow the Council to borrow to

invest in energy savings projects where there is a clear policy purpose for the local authority, advancing its environment and climate change commitments, and is not primarily for generating an income. This would apply where the Council is looking to invest in energy projects on land and buildings that it does not own. Income from these types of projects will need to be invested to cross subsidise purchase of land and other environmental projects that the Council wishes to pursue to meet this policy objective, and this will need to be clearly set out in the business case before PWLB borrowing can be accessed.

- 7.4 The report asks for a change to the City Council's capital programme that allows the Council to invest in energy saving schemes, the like of which are described in this report. The change to the capital programme will be to include a line that is for £30m of unsupported borrowing. The Energy Services team will look to ensure that it seeks out other funding other than borrowing and there may be a requirement to amend the capital programme as and when these other sources of funding emerge.
- 7.5 Any project that requires the use of borrowing will be appraised to ensure that it is in line with both the prudential code and in line with recent changes to PWLB guidance, this will be subject to approval of a financial appraisal and business case by the Section 151 officer.

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Signed by: James Hill - Director of Housing, Neighbourhood and Building Services

Appendices:

Background list of documents: Section 100D of the Local Government Act 1972

The following documents disclose facts or matters, which have been relied upon to a material extent by the author in preparing this report:

Title of document	Location
Response to Climate Emergency Strategy	Response to Climate Emergency Strategy appendix A.pdf (portsmouth.gov.uk)
Public Sector Decarbonisation Scheme	Public Sector Decarbonisation Scheme.pdf (portsmouth.gov.uk)
Climate Change Strategy and Carbon Budget for Portsmouth	Climate Change Strategy and Carbon Budget for Portsmouth.pdf

The recommendation(s) set out above were approved/ approved as amended/ deferred/
rejected by on

.....
Signed by:

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Integrated Impact Assessment (IIA)

Integrated impact assessment (IIA) form December 2019

www.portsmouth.gov.uk

The integrated impact assessment is a quick and easy screening process. It should:

- identify those policies, projects, services, functions or strategies that could impact positively or negatively on the following areas:
 - Communities and safety
 - Regeneration and culture
 - Environment and public space
 - Equality & - Diversity - This can be found in Section A5

Directorate:

Housing, Neighborhood & Building Services

Service, function:

Building Services

Title of policy, service, function, project or strategy (new or old) :

Low Carbon Projects Fund

Type of policy, service, function, project or strategy:

Existing

New / proposed

Changed

What is the aim of your policy, service, function, project or strategy?

To seek approval to borrow for projects that will reduce carbon emissions by providing a borrowing facility to finance renewable energy and energy efficiency projects.

Has any consultation been undertaken for this proposal? What were the outcomes of the consultations? Has anything changed because of the consultation? Did this inform your proposal?

The most developed project: Lakeside North Harbour, tenants were presented with an overview of the proposed project, detailing carbon emission reductions and financial savings that will be made. Overwhelmingly positive feedback from tenants and media (after initial press release).

A - Communities and safety

Yes

No

Is your policy/proposal relevant to the following questions?

A1-Crime - Will it make our city safer?



In thinking about this question:

- How will it reduce crime, disorder, ASB and the fear of crime?
- How will it prevent the misuse of drugs, alcohol and other substances?
- How will it protect and support young people at risk of harm?
- How will it discourage re-offending?

If you want more information contact Lisa.Wills@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cou-spp-plan-2018-20.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How will you measure/check the impact of your proposal?

A - Communities and safety

Yes

No

Is your policy/proposal relevant to the following questions?

A2-Housing - Will it provide good quality homes?



In thinking about this question:

- How will it increase good quality affordable housing, including social housing?
- How will it reduce the number of poor quality homes and accommodation?
- How will it produce well-insulated and sustainable buildings?
- How will it provide a mix of housing for different groups and needs?

If you want more information contact Daniel.Young@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/psh-providing-affordable-housing-in-portsmouth-april-19.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

A - Communities and safety

Yes

No

Is your policy/proposal relevant to the following questions?

A3-Health - Will this help promote healthy, safe and independent living?



In thinking about this question:

- How will it improve physical and mental health?
- How will it improve quality of life?
- How will it encourage healthy lifestyle choices?
- How will it create healthy places? (Including workplaces)

If you want more information contact Dominique.Letouze@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cons-114.86-health-and-wellbeing-strategy-proof-2.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

The installation of renewable technologies, batteries, car parking canopies and electric vehicle (EV) charge points will encourage the use of electric vehicles and help reduce the use of petrol/diesel vehicles, reducing air emissions. Installing the infrastructure required for mass EV use will prepare PCC and the City for the increase in EV charging demand before 2030. Any energy efficiency projects decarbonizing heat will reduce air emissions: Nitrogen oxides (NOx). Sulfur dioxide (SO₂). Reduction in air emissions will improve quality of life for residents.

How are you going to measure/check the impact of your proposal?

EV charging will be monitored and quantified using the online charging portal from the supplier to identify increase of EV usage/charging within the City. Liaising with PCC Transport Team to identify any subsequent air quality reduction from monitoring stations. Electrification of heat from gas fired boilers can be quantified by reduction in gas use.

A - Communities and safety

Yes

No

Is your policy/proposal relevant to the following questions?

A4-Income deprivation and poverty-Will it consider income deprivation and reduce poverty?



In thinking about this question:

- How will it support those vulnerable to falling into poverty; e.g., single working age adults and lone parent households?
- How will it consider low-income communities, households and individuals?
- How will it support those unable to work?
- How will it support those with no educational qualifications?

If you want more information contact Mark.Sage@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cou-homelessness-strategy-2018-to-2023.pdf>

<https://www.portsmouth.gov.uk/ext/health-and-care/health-joint-strategic-needs-assessment>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

A - Communities and safety

Yes

No

Is your policy/proposal relevant to the following questions?

A5-Equality & diversity - Will it have any positive/negative impacts on the protected characteristics?



In thinking about this question:

- How will it impact on the protected characteristics-Positive or negative impact (Protected characteristics under the Equality Act 2010, Age, disability, race/ethnicity, Sexual orientation, gender reassignment, sex, religion or belief, pregnancy and maternity, marriage and civil partnership,socio-economic)
- What mitigation has been put in place to lessen any impacts or barriers removed?
- How will it help promote equality for a specific protected characteristic?

If you want more information contact gina.perryman@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cmu-equality-strategy-2019-22-final.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

B - Environment and climate change

Yes

No

Is your policy/proposal relevant to the following questions?

B1-Carbon emissions - Will it reduce carbon emissions?



In thinking about this question:

- How will it reduce greenhouse gas emissions?
- How will it provide renewable sources of energy?
- How will it reduce the need for motorised vehicle travel?
- How will it encourage and support residents to reduce carbon emissions?

If you want more information contact Tristan.thorn@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cmu-sustainability-strategy.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

Significant carbon reductions possible within the scope of investable renewable and energy efficiency projects. These projects align with the Council's Net Zero Carbon ambitions and strategy. These projects will reduce the dependency of grid supplied (and thus reduce carbon emissions) energy through the generation of renewable energy.

How are you going to measure/check the impact of your proposal?

Annual reporting through data analysis of renewable generation and grid supplied energy across sites.

B - Environment and climate change

Yes

No

Is your policy/proposal relevant to the following questions?

B2-Energy use - Will it reduce energy use?



In thinking about this question:

- How will it reduce water consumption?
- How will it reduce electricity consumption?
- How will it reduce gas consumption?
- How will it reduce the production of waste?

If you want more information contact Triston.thorn@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/pln-portsmouth-plan-post-adoption.pdf>

<https://democracy.portsmouth.gov.uk/documents/s24685/Home%20Energy%20Appendix%201%20-%20Energy%20and%20water%20at%20home%20-%20Strategy%202019-25.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

Renewable technology installations will allow for sites to generate their own energy and the installation of energy efficiency measures will reduce each site's dependency on grid supplied energy. Depending on the scope of the project, each site's energy consumption levels will reduce significantly.

B - Environment and climate change

Yes

No

How are you going to measure/check the impact of your proposal?

Annual data analysis allowing for the comparison of grid supplied energy usage and renewable generation before and after project completion.

B - Environment and climate change

Yes

No

Is your policy/proposal relevant to the following questions?

B3 - Climate change mitigation and flooding-Will it proactively mitigate against a changing climate and flooding?



In thinking about this question:

- How will it minimise flood risk from both coastal and surface flooding in the future?
- How will it protect properties and buildings from flooding?
- How will it make local people aware of the risk from flooding?
- How will it mitigate for future changes in temperature and extreme weather events?

If you want more information contact Tristan.thorn@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/env-surface-water-management-plan-2019.pdf>

<https://www.portsmouth.gov.uk/ext/documents-external/cou-flood-risk-management-plan.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

In line with PCC's Net Zero Carbon 2030 target, these projects will reduce the dependency (and usage) on fossil fuels from grid supplied energy, helping mitigate the impact of climate change. Fossil fuels are the leading cause for climate change.

How are you going to measure/check the impact of your proposal?

Carbon emission reporting based on annual energy consumption from PCC's sites. Comparisons to be made from before and after projects have been completed.

B - Environment and climate change

Yes

No

Is your policy/proposal relevant to the following questions?

B4-Natural environment-Will it ensure public spaces are greener, more sustainable and well-maintained?



In thinking about this question:

- How will it encourage biodiversity and protect habitats?
- How will it preserve natural sites?
- How will it conserve and enhance natural species?

If you want more information contact Daniel.Young@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/pln-solent-recreation-mitigation-strategy-dec-17.pdf>

<https://www.portsmouth.gov.uk/ext/documents-external/pln-portsmouth-plan-post-adoption.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

Renewable technology installations and energy efficiency improvement measures will help mitigate the impact of climate change. Climate change has a direct impact on species and their habitats. These projects will ensure the impact on biodiversity is minimized.

How are you going to measure/check the impact of your proposal?

Ecological impact reports carried out prior to works commencement. Approval from Natural England required before works commence.

B - Environment and climate change

Yes

No

Is your policy/proposal relevant to the following questions?

B5-Air quality - Will it improve air quality?



In thinking about this question:

- How will it reduce motor vehicle traffic congestion?
- How will it reduce emissions of key pollutants?
- How will it discourage the idling of motor vehicles?
- How will it reduce reliance on private car use?

If you want more information contact Hayley.Trower@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/env-aq-air-quality-plan-outline-business-case.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

The installation of renewable technologies, batteries, car parking canopies and electric vehicle (EV) charge points will encourage the use of electric vehicles and help reduce the use of petrol/diesel vehicles. Installing the infrastructure required for mass EV use will prepare PCC and the City for the increase in EV charging demand before 2030. Any energy efficiency projects decarbonizing heat will reduce air emissions: Nitrogen oxides (NOx). Sulfur dioxide (SO2).

How are you going to measure/check the impact of your proposal?

EV charging will be monitored and quantified using the online charging portal from the supplier to identify increase of EV usage/charging within the City. Liaising with PCC Transport Team to identify any subsequent air quality reduction from monitoring stations. Electrification of heat from gas fired boilers can be quantified by reduction in gas use.

B - Environment and climate change

Yes

No

Is your policy/proposal relevant to the following questions?

B6-Transport - Will it improve road safety and transport for the whole community?



In thinking about this question:

- How will it prioritise pedestrians, cyclists and public transport users over users of private vehicles?
- How will it allocate street space to ensure children and older people can walk and cycle safely in the area?
- How will it increase the proportion of journeys made using sustainable and active transport?
- How will it reduce the risk of traffic collisions, and near misses, with pedestrians and cyclists?

If you want more information contact Pam.Turton@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/travel/local-transport-plan-3>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

The installation of renewable technologies, batteries, car parking canopies and electric vehicle (EV) charge points will encourage the use of electric vehicles and help reduce the use of petrol/diesel vehicles, encouraging more sustainable travel.

B - Environment and climate change

Yes

No

How are you going to measure/check the impact of your proposal?

EV charging usage will be monitored and quantified using the online charging portal from the supplier to identify increase of EV usage/charging within the City.

Is your policy/proposal relevant to the following questions?

B7-Waste management - Will it increase recycling and reduce the production of waste?

In thinking about this question:

- How will it reduce household waste and consumption?
- How will it increase recycling?
- How will it reduce industrial and construction waste?

If you want more information contact Steven.Russell@portsmouthcc.gov.uk or go to:

<https://documents.hants.gov.uk/mineralsandwaste/HampshireMineralsWastePlanADOPTED.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

How are you going to measure/check the impact of your proposal?

C - Regeneration of our city

Yes

No

Is your policy/proposal relevant to the following questions?

C1-Culture and heritage - Will it promote, protect and enhance our culture and heritage?



In thinking about this question:

- How will it protect areas of cultural value?
- How will it protect listed buildings?
- How will it encourage events and attractions?
- How will it make Portsmouth a city people want to live in?

If you want more information contact Claire.Looney@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/pln-portsmouth-plan-post-adoption.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

The proposed project at Lakeside North Harbour is one of the largest installations of solar car park canopies at a business park in Europe. The project's press releases have garnered significant media attention, with overwhelmingly positive feedback received from members of the public, tenants and press.

How are you going to measure/check the impact of your proposal?

Analysing press release comments from the public when projects are announced, holding consortiums if required, depending on the site.

C - Regeneration of our city

Yes

No

Is your policy/proposal relevant to the following questions?

C2-Employment and opportunities - Will it promote the development of a skilled workforce?



In thinking about this question:

- How will it improve qualifications and skills for local people?
- How will it reduce unemployment?
- How will it create high quality jobs?
- How will it improve earnings?

If you want more information contact Mark.Pembleton@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cou-regeneration-strategy.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

Our contractors employ sub-contractors who live in the City of Portsmouth and the PO postcode, improving lifestyle, job opportunities within the community. Due to the nature of the works proposed, the opportunity for high quality jobs are available for Portsmouth residents. Contractors often run an apprentice program to ensure young adults are given the opportunity to work within the energy sector.

The Lakeside North Harbour and other potential projects covered in this program will reduce the operational costs of the sites, becoming more financially and commercially viable entities.

How are you going to measure/check the impact of your proposal?

Monitoring a project's Principal Contractor's use of sub-contractors.
Lakeside North Harbour void space (e.g., unlet areas) can be monitored post project to identify if the reduced operational cost and more sustainable site is more attractive to prospective tenants.

Is your policy/proposal relevant to the following questions?

C3 - Economy - Will it encourage businesses to invest in the city, support sustainable growth and regeneration?



In thinking about this question:

- How will it encourage the development of key industries?
- How will it improve the local economy?
- How will it create valuable employment opportunities for local people?
- How will it promote employment and growth in the city?

If you want more information contact Mark.Pembleton@portsmouthcc.gov.uk or go to:

<https://www.portsmouth.gov.uk/ext/documents-external/cou-regeneration-strategy.pdf>

Please expand on the impact your policy/proposal will have, and how you propose to mitigate any negative impacts?

Our contractors create valuable employment opportunities for local Portsmouth people. This in turn promotes growth in the city. Our frameworks also give opportunities to local contractors and sub-contractors to work for Portsmouth City Council.

How are you going to measure/check the impact of your proposal?

Q8 - Who was involved in the Integrated impact assessment?

Owen Hughes - Energy Officer
Gareth Williams - Energy Manager

This IIA has been approved by:

James Hill - Director of Housing, Neighborhood & Building Services

Contact number:

02392 688606

Date:

30/06/2022

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