



NOTICE OF MEETING

CABINET MEMBER FOR CLIMATE CHANGE AND ENVIRONMENT

THURSDAY 26 JANUARY 2023 AT 10AM

COUNCIL CHAMBER - THE GUILDHALL, PORTSMOUTH

Telephone enquiries to Jane DI Dino 023 9283 4060
Email: jane.didino@portsmouthcc.gov.uk

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

Public health guidance for staff and the public due to Winter coughs, colds and viruses, including Covid-19

- Following the government announcement 'Living with Covid-19' made on 21 February and the end of universal free testing from 1 April, attendees are no longer required to undertake any asymptomatic/ lateral flow test within 48 hours of the meeting; however, we still encourage attendees to follow the public health 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 any boosters they are eligible for.
- If unwell 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 still 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 protects us from coughs, colds and winter viruses, including Covid-19.
- 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

Membership

Councillor Kimberly Barrett (Cabinet Member)
Councillor Charlotte Gerada
Councillor Robert New
Councillor Russell Simpson

(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 Declarations of Members' Interests

2 Air Quality Assessment update (Pages 5 - 10)

Purpose.

To provide the Cabinet Member for Climate Change and the Environment information on:

1. Portsmouth City Council's (PCC) Local Air Quality Management (LAQM) responsibilities and the relevant Review and Assessments (R&A) of air quality (AQ) in Portsmouth since 2019
2. the legal responsibilities placed upon PCC in respect to AQ R&A and the appraisals undertaken by Department for Environment, Food and Rural Affairs (DEFRA) in respect to AQ in Portsmouth.

RECOMMENDED that the report be noted.

3 Urban Tree Challenge Fund (Pages 11 - 14)

Purpose

- a. To update the Cabinet Member for Climate Change and the Environment on the detail of the Urban Tree Challenge Fund (UTCF).
- b. To brief the Cabinet member on the outcome of the grant application funded by the Forestry Commission and the financial award made to the Council.
- c. To provide an update on the planting locations and use of the grant.

RECOMMENDED that the report be noted.

4 The Queen's Green Canopy Commemorative Planting (Pages 15 - 18)

Purpose

1. To update the Cabinet Member for Climate Change and the Environment on the detail of the Defra funding awarded to lead delivery partners of The Queen's Green Canopy.
2. To brief the Cabinet member on the outcome of the Defra award to lead delivery partner Trees for Cities and the extension of the Forgotten Paces programme.

RECOMMENDED that the report be noted.

5 PCC Climate Events during CoP 27- Green Partnership Charter (Pages 19 - 22)

Purpose.

To provide information on a climate change engagement and partnership event organised and undertaken during the most recent Conference of the Parties (CoP 27) in November 2022.

RECOMMENDED that the report be noted.

6 PCC Climate Events during CoP 27- Climate Simulation Game (Pages 23 - 28)

Purpose

To provide information on a climate change engagement and partnership event undertaken during the most recent Conference of the Parties (CoP 27) in November 2022.

RECOMMENDED that the report be noted.

Members of the public are permitted to use both audio visual recording devices and social media during this meeting, on the understanding that it neither disrupts the meeting nor records those stating explicitly that they do not wish to be recorded. Guidance on the use of devices at meetings open to the public is available on the council's website and posters on the wall of the meeting's venue.

Whilst every effort will be made to webcast this meeting, should technical or other difficulties occur, the meeting will continue without being webcast via the council's website.

This meeting is webcast (videoed), viewable via the council's livestream account at <https://livestream.com/accounts/14063785>

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Agenda Item 2



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(Please note that "Information Only" reports do not require Integrated Impact Assessments, Legal or Finance Comments as no decision is being taken)

Title of meeting: Climate Change and the Environment

Subject: Assessment of Air Quality - Update

Date of meeting: 26th January 2023

Report by: Director of Culture, Leisure, and Regulated Services

Wards affected: All

1. Purpose of report

1.1 To provide the Cabinet Member for Climate Change and the Environment information on:

- Portsmouth City Council's (PCC) Local Air Quality Management (LAQM) responsibilities and the relevant Review and Assessments (R&A) of air quality (AQ) in Portsmouth since 2019
- the legal responsibilities placed upon PCC in respect to AQ R&A and the appraisals undertaken by Department for Environment, Food and Rural Affairs (DEFRA) in respect to AQ in Portsmouth.

2. Information requested

2.1. PCC as several responsibilities in respect to AQ which include the:

- monitoring of pollutant levels with Portsmouth
- provision of LAQM and R&A data through the formal publication of mandated reports
- provision of monitoring data in respect to the performance of Clean Air Zone (CAZ)
- reduction of levels of pollutant below formal mandated compliance standards as contained within the National Air Quality Objectives (NAQO)
- delivery of consistent AQ improvements to positively impact upon public health
- assessment of activities taken to improve AQ.

2.2 The information provided within the report offers a succinct summary of the formal responsibilities of PCC and the monitoring data in respect to Nitrogen Dioxide (NO₂) (i.e.,

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the pollutant of significance in terms of compliance standards) since the formal publication of the 2020 Annual Status Report (ASR) (which reports upon the 2019 data set).

3. Summary of formal responsibilities and demands for data

3.1 There is a formal requirement upon PCC to R&A AQ and submit an ASR and our monitoring data to the UK Government each year. Where a local authority has failed to produce a draft ASR by the end of each calendar year there is a possibility that the local authority may be issued with a Ministerial Direction to do so under section 85(3) of the Environment Act 1995.

3.2 The 2021 ASR was submitted to DEFRA in line with these responsibilities, however, the 2022 ASR has not been submitted. PCC has engaged with DEFRA in respect to this delay.

3.3 In March 2018 DEFRA issued legally binding Ministerial Directions under the terms of the Environment Act 1995 (Feasibility Study for Nitrogen Dioxide Compliance) Air Quality Direction 2018. These directions ultimately lead to the creation of Portsmouth's CAZ in November 2021 which focuses upon two road links where levels of pollution exceed the mandated levels as determined by the government:

- Link 1 - A3, Mile End Road between the southern end of the M275 and Church Street roundabout. This link was predicted to achieve compliance with the NAQO in 2021
- Link 2 - A3, Alfred Road between Hope Street roundabout and the Queen Street / Anglesea Road / Alfred Road intersection. This link was predicted to achieve compliance with the NAQO in 2020.

3.4 The creation the CAZ created significant additional demands for monitoring data through the creation of a substantial number of supplementary monitoring locations and the installation of a new continuous monitoring station. The demand for data has however grown significantly over the last 5 years.

4. Summary of monitoring locations

4.1 PCC has frequently revised its non-automatic monitoring of NO₂ network via Nitrogen Dioxide Diffusion Tubes (NDDT) expanding it to reach 233 sites in 2021 (not including co-location sites) as a result of the additional monitoring requirements of the CAZ.

4.2 The expansion of NDDT monitoring network has however occurred consistently since 2017 as summarised* below:

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- 27 sites prior to 2017
 - 76 additional monitoring sites were deployed in the period 2017-2018 (103 sites in total)
 - 41 additional monitoring sites were deployed in 2019 (144 sites in total)
 - 17 additional monitoring sites were deployed in 2020 (161 sites in total)
 - 72 sites additional monitoring sites were deployed 2021 to specifically assess the performance of the CAZ (233 sites in total).
- * the number of locations may have been subject to change during each year

4.3 NDDT monitoring sites since 2017 have increased by 763%. NDDT monitoring locations between 2020 and 2021/2022 increased by 45%.

4.4 An expansion of the Continuous AQ Monitoring Station (CAQMS) network occurred in 2020, increasing the PCC network from four to five. The additional station was installed in Alfred Road to further assess the impact of the CAZ.

5. Impact of increasing demands for monitoring data upon reporting

5.1 The impact of the increasing demands for data upon the existing staffing resource of 1 FTE created significant problems in respect to mandatory reporting during 2021/2022.

5.2 This resourcing issue has been carefully considered and additional funding has now been provided to Regulatory Services (RS) to secure additional personnel to maintain the existing R&A requirements and the further reporting needs which have arisen as a result of the CAZ. It is therefore anticipated that PCC will be better placed to meet the requirements of DEFRA, both in relation to the ASR reporting process, and reporting the performance of the CAZ, within 2023.

5.3 Whilst the reporting of data has been significantly impacted as a consequence of the increased need for such, PCC has acquired and retained the necessary data as required by DEFRA and will provide this within 2023, therefore, completing its mandatory reporting requirements.

6. Summary of 2020 data

6.1 According to 2020 NDDT survey dataset, for the same monitored locations as those in 2019, the 2020 NO₂ annual mean levels were in excess of the annual mean NAQO at two locations compared to 12 monitoring locations in 2019 (both locations were along the road links as identified by the Ministerial Direction as highlighted in Section 3.3).

6.2 A closer examination of the NDDT survey data for the period 2016 to 2020 at the 27 long-term monitoring locations revealed that the 2020 NDDT annual mean levels decreased at all the 27 long-term monitored locations (100%). This level of AQ improvement is similar to that recorded in 2019.

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6.3 The 2020 NO₂ annual mean level also decreased across the 5 CAQMSs compared to that of 2019 and met the NO₂ annual mean NAQO at all CAQMSs.

6.4 It should be recognised that the impact of Covid-19 during 2020 and the restrictions mandated during such will have contributed to the reductions of pollution levels recorded during 2020. Therefore, these levels / this data set should be considered to be exceptional and not representative of NO₂ levels should the Covid-19 restrictions not have been applied.

7. Summary of 2021 monitoring data

7.1 A downward trend emerged at all 162 monitored locations in the last 5 years since 2017 similarly to the monitored locations for the 5-year period commencing in 2016.

7.2 For the same monitored locations, NO₂ annual mean levels were in excess of the annual mean NAQO in 2021 at the same two locations where the annual mean was breached in year 2020 (i.e., Alfred Road and Hope Street).

7.3 Of 162 monitored locations in both 2020 and 2021 the changes in NO₂ annual mean levels exhibited the following characteristics:

- 43 locations exhibited beneficial change in LAQ (26.56%)
 - Negligibly beneficial at 28 out of 162 locations (17.28%)
 - Slightly beneficial at 6 out of 162 locations (3.70%)
 - Moderately beneficial at 9 out of 162 locations (5.56%).
- 119 locations exhibited adverse change in AQ (73.46%)
 - Negligibly adverse at 63 out of 162 locations (38.89%)
 - Slightly adverse at 34 out of 162 locations (20.99%)
 - Moderately adverse at 22 out of 162 locations (13.58%).

7.4 A closer examination of the newly added 72 NDDT monitored locations in 2021 revealed that two locations are likely to be in breach of NAQO. These are located at the top of the Eastern Road and in Fratton Road. NDDT data capture from these locations was less than 25% (therefore unreliable) and was not subjected to any form of corrections.

7.5 The 2021 NO₂ annual mean level increased across two out of the five CAQMSs but still met the NO₂ annual mean NAQO at all CAQMSs. These changes are considered as adverse with variable degrees. However, an overall long-term improvement in AQ over the last five years is demonstrated.

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7.6 The maximum-recorded concentration was registered at Mile End Road CAQMS (34.83µg/m³). The NO₂ annual mean met the NAQO for the second year in a row across all five continuous monitoring stations.

7.7 Data collected at PCC CAQMSs did not register any exceedance of the NO₂ hourly mean NAQO. In addition, none of CAQMS NO₂ annual mean exceeded 60µg/m³ which indicates that an exceedance of the 1-hour mean NAQO was unlikely.

7.8 It should again be noted that, as a result of the impact of the Covid-19 pandemic, levels of pollution fell uncharacteristically in 2020 and therefore it may not be unexpected that increases in NO₂ occurred in 2021 as traffic levels returned to pre-pandemic levels when compared with the levels recorded in 2020. Therefore, a collation between levels of NO₂ increasing in 2021 as a consequence of other contributory factors is uncertain.

8. Summary of the assessment of the CAZ in 2022

8.1 The Government require PCC to undertake appropriate monitoring and evaluation of AQ levels in and around the CAZ. This responsibility is delivered through RS.

8.2 RS have designed a monitoring program to provide sufficient information to appraise whether the measures implemented to reduce NO₂ levels into compliance are having the anticipated impact, need adjusting, or are still needed if they have achieved their air quality improvement outcomes.

8.3 The majority of RS data collected is collected via the NDDT which are exposed monthly. As the months pass DEFRA and their appointed analysts will assess PCCs monitoring results, model the reductions (or increases) and present information in respect to; the impact of the CAZ and the other measures being deployed to address PCC's non-compliance, any impacts outside the geographical area of the CAZ, and how these are affecting public health.

8.4 Our understanding is that for year 1 of the CAZ the national compliance assessment is based on measurement data from the national Automatic Urban and Rural Network and modelled concentrations from the Pollution Climate Mapping model and not from other data sets including our monitoring data.

8.5 The Government are currently investigating a number of options for improving the national compliance assessment to better reflect local situations, including options for incorporating local monitoring data collected as part of their central evaluation. As we move further into year two of the CAZ the focus upon and need for accurate validated monitoring data will significantly increase which PCC will provide to DEFRA.

8.6 As the 2022 data set is not due to be published in June 2023 further updates in respect to such cannot be provided at this time. Additionally, as a result of monitoring data

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taking primacy in respect to assessing the performance of the CAZ during of 2023 it is too early to assess its performance and whether the predicted 'do nothing' compliance dates as specified in Section 3.3 have been achieved.

.....
Signed by: Stephen Baily, Director of Culture, Leisure, and Regulatory Services

Appendices: None

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

No documents disclose facts or matters, which have been relied upon to a material extent by the author in preparing this report.

Agenda Item 3



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(Please note that "Information Only" reports do not require Integrated Impact Assessments, Legal or Finance Comments as no decision is being taken)

Title of meeting:	Climate Change & Environment
Subject:	Urban Tree Challenge Fund
Date of meeting:	26 th January 2023
Report by:	Zoe White - Public Health development manager - Green & Healthy City Coordinator
Wards affected:	All

1. **Requested by-** the Cabinet member for Climate Change and Environment to provide detail of the Urban Tree Challenge Fund and the progress of the council's application.

2. Information Requested

- a. To update the Cabinet member for Climate Change and the Environment on the detail of the Urban Tree Challenge Fund (UTCF).
- b. To brief the Cabinet member on the outcome of the grant application funded by the Forestry Commission and the financial award made to the Council.
- c. To provide an update on the planting locations and use of the grant.

3. Background

3.1 The Urban Tree Challenge Fund (UTCF) is a key component of the Government's £750m Nature for Climate Fund and provides funding to plant trees outside of woodlands.

UTCF supports planting of large 'standard' trees in urban areas which make an immediate impact to communities. It is available to anyone who has management control of the land, including local authorities and private landowners, to level up access to nature across the country. Tree planting can take place in urban areas, with higher scores awarded for planting in socially deprived areas with low canopy cover, in proximity to healthcare or educational facilities.

3.2 The Urban Tree Challenge Fund provides a contribution toward funding of standard costs for planting large trees and their establishment costs for 3 years

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following planting. The funding supports the cost of buying and planting a tree, the cost of basic protection and the labour required to plant it.

3.3 Trees outside of woodlands are very valuable because they provide such a wide range of benefits, such as:

- Reducing noise and air pollution from busy roads
- Providing shade and windbreaks
- Protecting our rivers' fish stocks from heat and pollution improving water quality
- Aiding sustainable urban drainage
- Mitigating flooding
- Connecting habitats and making a home for nature
- Bringing the wellbeing benefits of nature to the heart of communities

3.4 Trees for Cities completed a block bid for the UTCF 2022 funding as part of the Forgotten Places programme, working in partnership with coastal towns and cities. Portsmouth City Council were invited to be part of this bid.

4. Outcome

4.1 In November 2022, Trees for Cities confirmed that the block bid grant application was successful. Portsmouth City Council have been awarded £61,000 for tree planting during the winter seasons of 2022/2023 and 2023/2024.

4.2 Planting will take place in the following locations:

Location	Planting numbers 2022/23	Planting numbers 2023/24
East West active travel corridor	16	
Moorings Way School	17	
New Horizons School	6	5
King George V Playing field		38
Great Salterns	40	
Alexandra Park	25	

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- 4.3** New trees will help remove carbon from the atmosphere and deliver a greener and healthier environment. Improved green space offers possibilities of increased social activity, improved community cohesion and local attachment. It's also recognised nationwide that better managed green space close to where people live increases amenity value and has the potential to improve quality of life and wellbeing. Introducing trees into these areas will improve the local environment and contribute to the health and wellbeing of communities.



.....
Signed by (Director)

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:

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Agenda Item 4



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(Please note that "Information Only" reports do not require Integrated Impact Assessments, Legal or Finance Comments as no decision is being taken)

Title of meeting:	Climate Change & Environment
Subject:	The Queen's Green Canopy Commemorative Planting
Date of meeting:	26 th January 2023
Report by:	Zoe White - Public Health development manager - Green & Healthy City Coordinator
Wards affected:	All

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1. **Requested by-** the Cabinet member for Climate Change and Environment to provide detail of the Defra funding awarded to lead delivery partners of The Queens Green Canopy.

2. Information Requested

- a. To update the Cabinet member for Climate Change and the Environment on the detail of the Defra funding awarded to lead delivery partners of The Queen's Green Canopy.
- b. To brief the Cabinet member on the outcome of the Defra award to lead delivery partner Trees for Cities and the extension of the Forgotten Paces programme.

3. Background

- 3.1 On Friday 2nd December 2022, Forestry Minister Trudy Harrison confirmed new funding to plant trees in communities across the country in honour of the late Her Majesty Queen Elizabeth.
- 3.2 Defra will provide lead delivery partners of The Queen's Green Canopy (QGC) with £499,000 funding to plant trees in communities across the country in honour of the late Her Majesty Queen Elizabeth.
- 3.3 As part of the national tree planting initiative in Her Majesty's name, The Queen's Green Canopy funding will provide a special programme of planting to be delivered by QGC Partners including Trees for Cities, The Tree Council, The Conservation Volunteers and Earthwatch.

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- 3.4 Working in cooperation with local authorities and communities, the funding will enable thousands of trees to be planted in over 60 locations across England, engaging communities that have limited access to nature and green spaces.
- 3.5 The trees planted will become part of the living legacy that is being created in honour of Queen Elizabeth through The Queen's Green Canopy, which has inspired over a million trees to be planted across the country in her name.

4. Outcome

- 4.1 The Queen's Green Canopy partner Trees for Cities will extend their "Forgotten Places" programme to include commemorative planting projects in honour of the late Her Majesty Queen Elizabeth across five areas that are nature-deprived, planting a total of over 5,000 trees. Commemorative projects will take place in Brighton, Blackpool, Ipswich, Portsmouth and Stockton.
- 4.2 Trees for Cities have awarded Portsmouth £30,000 to deliver commemorative planting in the city.
- 4.3 Commemorative planting will take place in schools around the city with confirmed planting days at Castle View School in Paulsgrove and Moorings Way school in Milton.
- 4.4 Tree planting will provide shade and shelter for the children in playgrounds and open spaces, green spaces to connect children with nature and to learn about the value of trees, and enable every child to plant a tree in memory of Her Majesty Queen Elizabeth.
- 4.5 Trees planted in Portsmouth through the commemorative planting project will be registered with The Queen's Green Canopy and will provide schools with an opportunity to have a commemorative QGC plaque.



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Signed by (Director)

Appendices:

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

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Agenda Item 5



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(Please note that "Information Only" reports do not require Integrated Impact Assessments, Legal or Finance Comments as no decision is being taken)

Title of meeting:	Cabinet Member for Climate Change and Environment
Subject:	PCC Climate Events during CoP 27- Green Partnership Charter
Date of meeting:	26 January 2023
Report by:	Kristina Downey, Principal Strategy Advisor- Carbon and Climate
Wards affected:	No specific impact on individual wards

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- 1. Requested by**
 - 1.1 Cabinet Member for Climate Change and the Environment.

 - 2. Purpose**
 - 2.1 To provide information on a climate change engagement and partnership event organised and undertaken during the most recent Conference of the Parties (CoP 27) in November 2022.

 - 3. Information Requested**
 - 3.1 In September 2022, PCCs Cabinet approved and adopted a new Climate Change Strategy. The Strategy details the strategic priority areas for PCCs work within Portsmouth, which includes 'Engagement and Partnerships'. This area of work is noted as being critical to the successful development and implementation of future climate change actions. This event aimed to build upon our commitments to climate change engagement and partnerships in Portsmouth.
 - 3.2 This event, undertaken on 18th November 2022, was a partnership event, targeted at organisations that have potential for influencing Portsmouth's carbon emissions. These are organisations that have large estates, significant employers or have community outreach.
 - 3.3 Invited organisations included Portsmouth Hospitals University NHS Trust, His Majesty's Naval Base Portsmouth, the University of Portsmouth, the HIVE, Airbus, Hampshire and Isle of Wight Wildlife Trust, Hampshire and Isle of Wight Integrated Care Board, Portsmouth Football Club, NetZero Group, Pompey in the Community, Sustrans, and the African Women's Forum.
 - 3.4 Other city-wide groups do exist, such as the City Vision group, the Large Estates Forum, and the Civic Partnership Agreement, however none of these are focussed upon climate and wider environmental issues in the city. Organisations were invited to talk about their carbon reduction progress and planned future

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- 3.5 Partners developed a Green Partnership Charter to support this new collaborative focus. The Charter describes actions they will undertake within their own operations and within Portsmouth to secure an environmentally sustainable future with socio-economic benefits.
- 3.6 It is anticipated that this new partnership will allow influential organisations to showcase their carbon reduction progress and planned future work. Through sharing ideas, knowledge, and tools, developing more joint funding applications, and identifying crossovers in our operations it is envisaged that we can accelerate our climate change work.
- 3.6 A workplan to continue this collaboration will be developed with the Green Partnership Charter signatories.
- 3.7 The Green Partnership Charter and details of the signatories will shortly be available on the Portsmouth City Council website.

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Signed by
Paddy May
Corporate Strategy Manager

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Appendices: None

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Agenda Item 6



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(Please note that "Information Only" reports do not require Integrated Impact Assessments, Legal or Finance Comments as no decision is being taken)

Title of meeting:	Cabinet Member for Climate Change and Environment
Subject:	PCC Climate Events during CoP 27- Climate Simulation Game
Date of meeting:	26 January 2023
Report by:	Kristina Downey: Principal Strategy Advisor- Carbon and Climate
Wards affected:	No specific impact on individual wards

1. Requested by

1.1 Cabinet Member for Climate Change and the Environment.

2. Purpose

2.1 To provide information on a climate change engagement and partnership event undertaken during the most recent Conference of the Parties (CoP 27) in November 2022.

3. Information Requested

3.1 In September 2022, PCCs Cabinet approved and adopted a new Climate Change Strategy. The Strategy details the strategic priority areas for PCCs work within Portsmouth, which includes 'Engagement and Partnerships'. This area of work is noted as being critical to the successful development and implementation of future climate change actions. This event aimed to build upon our commitments to climate change engagement and partnerships in Portsmouth.

3.2 This event, undertaken on 16th November 2022, was a free educational engagement event targeted at secondary school-aged students in Portsmouth. Students from Admiral Lord Nelson School, Trafalgar School and Springfield School attended.

3.3 Other attendees included Councillors Barrett, Stagg, Horton, and Pitt, and the Lord Mayor and Lady Mayoress, students and staff from the University of Portsmouth, officers from Portsmouth City Council, and representatives from His Majesty's Naval Base Portsmouth.

3.4 Held within the Council Chamber of the Guildhall, the attendees were guided through a world climate simulation game called C-Roads. After a short context setting where attendees were presented with global data on atmospheric carbon dioxide levels and temperatures, the attendees were invited to split into country-

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block groups that represented three different developed and developing country types.



- 3.5 Groups were then asked to develop a set of pledges that reflected their country's circumstances. This included the year their emissions were likely to peak, the year emissions would start to reduce and then the % of annual reductions thereafter. Further, they were asked to decide how much effort they would put in to preventing deforestation and undertaking afforestation.
- 3.6 Groups were then asked to act as climate negotiators on behalf of the country's they represented and negotiate for stronger action from other groups. The pledges were then entered into a live climate model to understand the implications for global temperatures in 2100.
- 3.7 After two rounds of negotiation, the attendees managed to agree pledges that limited global warming to 2°C, which is the upper limit agreed through the Paris Agreement. See Figure 1.

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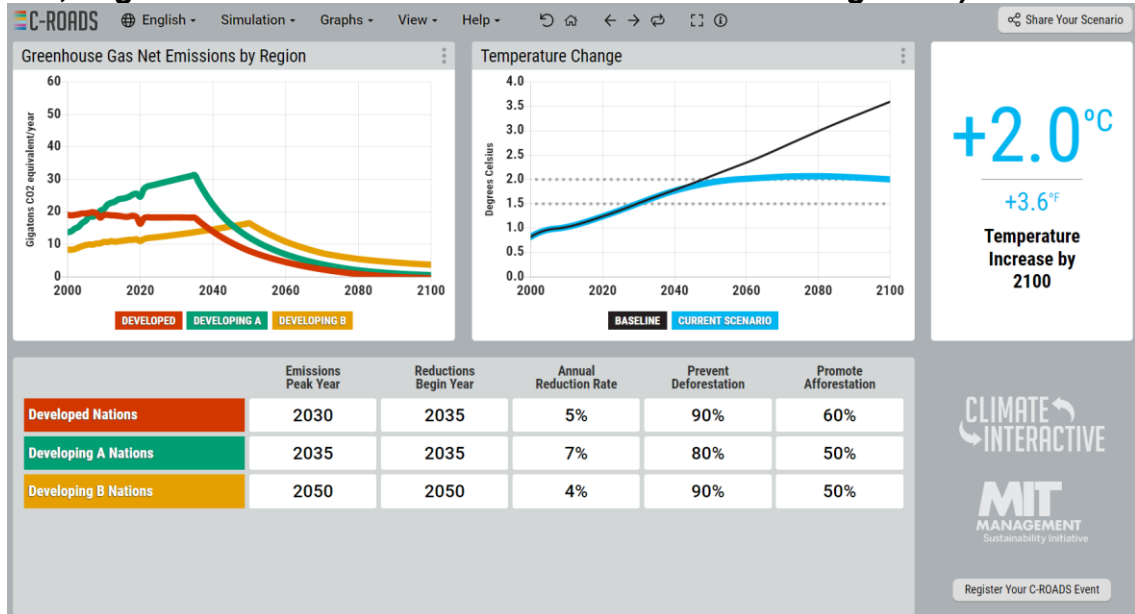


Figure 1: Image from final climate agreements

- 3.8 The game partially mirrors those negotiations being undertaken as part of the CoP and the commitments of the Paris Agreement. The game is educational, helps build empathy for country's needs, and addresses climate anxiety by demonstrating the effect of what can be done.
- 3.9 This game has been run in 140 countries, and this is the first time this has been held in Hampshire or the wider Solent region.
- 3.10 Attendees discussed how important it is to take climate actions within their sphere of influence and concluded the event with a pledging session of what could be done next. Pledges included:
- "Buying more second-hand items"
 - "Waste less food"
 - "Don't use air travel if a train is a realistic option"
 - "Plant more trees every year"
 - "Cycle to football training"
 - "Get involved in more local environmental groups and charities to spread information and help shine a light on unjust actions"

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- 3.11 This event organised during CoP 27 builds upon the previous engagement and partnerships events delivered by PCC as part of the 2021 Climate Festival. Further climate-based events will be organised for winter 2023 to coincide with CoP 28.
- 3.12 The use of the Lord Mayors Banqueting Suite was kindly donated by the Lord Mayor and Lady Mayoress.

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Signed by:
Paddy May
Corporate Strategy Manager

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

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