

PLYMOUTH PLAN CLIMATE CHANGE REVIEW

Background Report

1. Introduction

- 1.1. At its meeting on 16 December 2019 Full Council resolved to 'Undertake an early review of the Plymouth Plan with city partners in order to ensure that the plan responds to the climate emergency and the commitments set out in the Climate Emergency Action Plan'.
- 1.2. The governance framework for the Plymouth Plan, set out in chapter 8 of the plan, describes circumstances where a full or partial review of the plan may be necessary. Paragraph 8.26 of the Plymouth Plan identifies what some of these circumstances might be, one of which is:
 - 'More rapid or dramatic than expected changes to the climate or weather conditions, or extreme environmental events'.
- 1.3. On 18 March 2019, the City Council declared a climate emergency in recognition of the need for an urgent response from the global community to the threat of climate change, with a target of carbon neutral city by 2030. The City Council now needs to ensure that Plymouth's long term strategic plan (the Plymouth Plan) is properly aligned to this outcome.
- 1.4. A key area where the current Plymouth Plan does not reflect the climate emergency declaration is Theme 2 (Green City) relating to the philosophy of the plan. This sets out an ambition 'to be a carbon neutral city by 2050 and halving emissions by 2034'. Policy GRO7 of the Plymouth Plan goes on to state that:
 - 'The City will pursue the following approaches to deliver significant reductions in carbon emissions in Plymouth, aiming to halve 2005 levels of carbon emissions by 2034'.

These provisions of the Plymouth Plan are not in alignment with the climate emergency declaration and therefore clearly need to be changed.

- 1.5. However, aligning the Plymouth Plan involves more than just updating the carbon neutral city target to comply with the climate emergency pledge. It is important that the Plymouth Plan in its entirety is supporting this direction of travel for the City. This was the purpose of the review.
- 1.6. It should be noted that on 13 January 2021 the Brexit, Infrastructure and Legislative Change Overview and Scrutiny Committee also considered the Plymouth Plan Climate Change Review and resolved to support and endorse the proposed changes to the Plymouth Plan set out in this report.

2. The review

- 2.1. This review was undertaken during 2020 and was organised around three stages:
 - Policy by policy assessment of current Plymouth Plan policies to determine their level of alignment with the climate emergency pledge. A copy of this assessment can be found here.
<https://www.plymouth.gov.uk/sites/default/files/PlymouthPlanClimateEmergencyScopingPaper.pdf>
 - Publication of and consultation on these findings, providing an opportunity for respondents also to suggest any changes to the Plymouth Plan in response to the

climate emergency. This consultation took place between 21 September and 5pm on Friday 30 October 2020.

- Evaluation of consultation responses. 192 comments and suggestions were received during this consultation from 30 different respondents, including local residents and groups, a range of agencies and organisations, and city partnership boards. A copy of the response report to this consultation can be found here.
<https://www.plymouth.gov.uk/sites/default/files/ClimateEmergencyConsultationResponseReport.pdf>

3. Changes proposed to the Plymouth Plan

3.1. In total, changes to 23 parts of the plan are proposed in response to this review process. These cover the following themes:

- The carbon neutral city target.
- Need to embed the importance of minimising carbon emissions within the plan.
- Sustainable transport including walking, cycling/public transport improvements, air quality and the role of electric vehicles.
- The growth of the clean, green economy.
- Impact of carbon emissions across the waste management hierarchy.
- The importance of the natural environment and role it can play in reducing carbon emissions and ensuring food security.
- Reduction of built environment emissions through sustainable building techniques and retrofitting the existing built form.
- The need to take account of the siting and design impacts of waste/recycling/electric charging on historic assets or townscape.

The importance of people and communities making their contribution to the achievement of the City's 2030 carbon-neutral target.

3.2. The Appendix to this Background Paper shows these changes as 'tracked changes' to the original policies and provisions of the Plymouth Plan.

3.3. A full clean version of the proposed revised Plymouth Plan can be found here.

<https://www.plymouth.gov.uk/sites/default/files/ProposedRevisedPlymouthPlanFullCouncil.pdf>

4. Next steps

4.1. Adoption of the changes to the Plymouth Plan set out in this report will ensure that the City's strategic plan is aligned to the Council's climate emergency pledge. However, of key importance will be the implementation of the plan's policies, and the ongoing engagement of Plymouth's communities in helping to address the climate emergency through the Climate Emergency Action Plan.

4.2. Additionally, it will be important for the City to closely monitor any outcomes when the UK hosts the 26th UN Climate Change Conference (COP26) in 2021.

4.3. The review and update of the Climate Emergency Action Plan is considered as a separate report to this meeting of City Council.

APPENDIX: PROPOSED AMENDMENTS TO PLYMOUTH PLAN POLICIES AND TEXT (SHOWN AS 'TRACKED CHANGES')

New text is shown in ***bold italic***.

Deleted text is shown in ~~strikethrough~~.

1. Section 1 – Introduction (changes to para 1.3)

1.3 Since 2004, when the so-called 'Mackay Vision', named after one of its authors, was made part of the city's planning policy (A Vision for Plymouth: A Past with a Future, MBM Arquitectes with AZ Studio, 2003), Plymouth has been on a course to increase its population through economic growth by over 20 per cent. Such a scale of growth presents the city and the wider sub region with a huge opportunity to create a better future for everyone, as jobs are created, earnings are increased, productivity is raised, living standards are improved, aspiration and skills are increased, the housing needs of local people are met, and better quality services and facilities for those living in and visiting the city are provided. However, it also carries considerable challenges ***particularly in the light of the Covid-19 pandemic which has impacted on the city's economy, travel patterns and usage as well as individual's health and social wellbeing. This Plan can be used alongside Resurgam: Plymouth's Covid-19 Economic Recovery Plan (<https://www.resurgam.uk/>) as an opportunity to make the city more resilient and grow back better than before*** to ensure that the benefits of growth are experienced by all Plymouth's people, and that a fairer, healthier, safer and greener city is achieved.

1.4 ***On 18 March 2019, the City Council declared a climate emergency in recognition of the need for an urgent response from the global community to the threat of climate change, with a target of a net-zero city by 2030. The Climate Emergency Action Plan defines carbon neutrality as the point when we achieve a net zero carbon budget by getting as close to zero greenhouse gas emissions as possible by 2030, and then offsetting any residual emissions via other credible initiatives.***
(<https://www.plymouth.gov.uk/environmentandpollution/climatechangeandenergy/howwe-retacklingclimatechange>).

1.5 ***In order that this long term strategic plan is properly aligned to this outcome the Council is committed to the United Nations sustainable development goals. The 17 goals were adopted by all UN Member States in 2015, as part of the 2030 Agenda for Sustainable Development which set out a 15-year plan to achieve the Goals which can be viewed by visiting <https://www.un.org/sustainabledevelopment/sustainable-development-goals/>.***

2. Section 1 – Introduction (changes to para 1.7)

- 1.7 Other strategic principles absorbed into the Plymouth Plan include those dealing with:
- ***Climate change – Climate Emergency Action Plan***
 - Economy - Plymouth Local Economic Strategy.
 - Children and young people - Plymouth Children and Young People's Plan.
 - Child Poverty - Child Poverty Strategy.
 - Art and culture - The vital spark: A cultural strategy for the city of Plymouth.
 - Waste - Plymouth Municipal Waste Strategy.

3. Section 2 – Philosophy (changes to Theme 2)

Theme 2 **A Green City**

To be one of Europe's greenest cities. Plymouth will be a place where:

1. Our ambition to be a carbon neutral **net-zero** city by 2050 and halving carbon emissions by 2034 **2030** is met by:
 - i. Conserving energy in our homes, businesses and modes of travel.
 - ii. Increasing the proportion of energy from local renewable, decentralised and low carbon sources.
 - iii. Supporting co-operative action on energy.
2. A thriving **clean**, green economy is achieved, with a skilled and growing workforce **business base and workforce supporting land and marine located renewable energy generation and use, and reducing carbon emissions by businesses, homes and transport.**
3. A high quality and functional network of **collectively cared for** natural spaces provides for the needs of people, wildlife and businesses, now and in the future.
4. An ambitious housing and social policy is delivered which ensures affordable warmth, addresses fuel poverty, provides healthier homes, and supports local people in accessing cheaper and green energy.
5. A transport system is provided that responds to emerging technological changes for electric and low carbon forms of transport, and delivers a step-change in walking, cycling, and public transport as the travel modes of choice for those living in and visiting the city.
6. Ambitious recycling rates are achieved and Plymouth is a virtually nil-to-landfill city.
7. People and communities are aware of, value and contribute to the sustainability of the environment around them and are **encouraged and** empowered to meet the challenges posed by climate change **and make their own contribution through energy, travel and recycling choices to the achievement of the City's 2030 net-zero target.**
8. Bathing waters are healthy to bathe in at all times, the area is resilient to flooding.
9. Clean air is enjoyed and Plymouth has some of the cleanest air of any city in the country.
10. Known for its food - exceptional quality, locally grown, **low carbon**, available to all; with Plymouth building on its reputation as a 'sustainable food city'.

4. Section 2 – Philosophy (changes to supporting text for Theme 2)

2.6 Plymouth has signed up to a number of initiatives to drive the zero carbon agenda forward, including the UK100 Net Zero Pledge and the Carbon Disclosure Project. These initiatives help us to measure and monitor progress towards our targets, as well as facilitating knowledge sharing with a wide range of public and private sector organisations. Additionally, by being a member of the Fab City Network, Plymouth is working to establish innovative urban change which is regenerative and restorative by design to meet social, economic and sustainable goals.

2.6 2.7 A reduction in the city's carbon emissions by 50 per cent on 2005 levels is net-zero target by 2030 is ambitious and will require deliverable provided that a multi-faceted programme of carbon reducing measures ***and is delivered, securing*** a step-change in green energy, energy efficiency and sustainable travel. This would be a significant move towards supporting the UK government's ***nationwide*** target for 2050 of an 80 per cent reduction on 2005 levels, as set out in the Climate Change Act 2008. Other major outcomes that are within reach include delivering substantial progress towards overcoming fuel poverty in the city, and taking care and management of the city's precious natural environment to even higher levels and engaging all of the city's schools in an environmental learning network.

5. Section 3 – Vision (changes to “A glimpse at what a ‘healthy city’ might look like in 2034”)

- The conditions for good health and wellbeing exist across the entire city, with health inequalities significantly reduced and where people feel safe in the city and their neighbourhoods and homes.
- Major improvements have been made into key issues such as mental health, healthy weight, substance misuse (including alcohol), integration of health and wellbeing and everyone has equal access to primary care services.
- Children, young people and their families are living in a city which protects and promotes their wellbeing, which understands and takes account of the lifelong impacts of adverse experiences and traumas and where poverty is not tolerated.
- All schools match or exceed the national average for Ofsted judgements and attainment levels.
- School leavers and young people are equipped with the skills to improve their wellbeing and employment opportunities.
- Older people are living independently for longer and there is a focus on self-care where people are well placed to manage their conditions and care for themselves wherever feasible, accessing support when needed.
- Plymouth is known for being a dementia friendly city.
- Major regeneration programmes have been completed for North Prospect, Devonport and Millbay leaving a legacy of stronger communities, and communities facing challenges in the city have been enabled to improve their own neighbourhoods.
- Targeted interventions focusing on wellbeing, as well as projects focused on cultural activity and the city's heritage, have significantly contributed to a healthier city.
- Plymouth has the most active population in the south west with a mix of quality sports clubs, top class facilities, active schools and accessible community opportunities for physical activity and sport.
- Everyone has a decent home which suits their needs, with a well-managed vibrant housing stock across all sectors.
- Huge strides have been made in addressing fuel poverty through programmes and initiatives to address the cost, ~~and efficiency~~ **and climate change impact** of energy in homes.
- Each neighbourhood has good access to local employment opportunities, and a transport system that protects the environment **improves air quality**, ~~and~~ encourages healthy lifestyles **and connects communities**.
- Each neighbourhood has an area at its heart which brings people together and provides a range of opportunities and support for local people, including services close to home, access to healthy and affordable food, with a renewed focus on tackling food poverty **and security**, and good access to high quality open space.
- ***Each neighbourhoods is a quiet, connected, community not dominated by road traffic but instead places where walking, cycling and catching the bus are the natural travel choices, delivering safer streets, less congestion, better air quality, improved public health and wellbeing and an improved local environment.***
- Plymouth uses its city centre, **historic** waterfront and other high profile locations to support the economic and social wellbeing of its sub region through the services it provides and through the business and trade opportunities for rural businesses, including farmers markets and promoting greater use of locally sourced food.
- Plymouth is known as a centre for clinical excellence, where excellent health and wellbeing services are provided for all of its residents.
- ***In recognising the importance of the physical environment to enable health and wellbeing***, residents show great pride in the city's natural and built heritage, leading and supporting many initiatives to promote the city's history and its historic built and natural environment.

- Plymouth is a city where there is a rich vein of community spirit exemplified by social connectedness and a vibrant volunteering culture which enables both increased self-esteem and improved mental and physical health for the volunteers as well as those who receive help.

6. Section 3 – Vision (changes to “A glimpse at what a ‘growing city’ might look like in 2034”)

- Plymouth is a significant hub for the south west, bringing together business infrastructure, world-class research facilities and expertise, with a thriving knowledge economy.
- Plymouth’s key economic strengths and assets (such as the marine and maritime sector, the defence sector, advanced manufacturing, medical and healthcare and the visitor economy), and its primary economic nodes (the City Centre / Waterfront and Derriford) have seen strong and sustained **clean, green** growth over a protracted period, re-balancing and driving the sub regional economy.
- ***Businesses across all sectors of the economy have addressed their own carbon emissions and the City has seen the development of a significant business sector enabling others, businesses and households, to do so.***
- All people in the city have an increased ability to participate in, contribute to, and benefit from its growth and economic prosperity.
- Plymouth's digital / creative and cultural industries have seen significant growth, with new businesses and trade and investment on a national and international scale.
- This has contributed to a greater retention of creative graduates and also attracted graduates from other areas of the UK.
- Plymouth’s young people have the skills they need to find productive employment, through the provision of high quality education, and are supported by the momentum generated through the Plymouth and South West Peninsula City Deal. The city's graduates choose to stay in Plymouth, entering employment, starting businesses, contributing to its success and contributing to its entrepreneurial spirit.
- The City Centre is enhanced and regenerated as a vibrant modern mixed-use regional shopping centre of appropriate scale for prevailing retail patterns, with high levels of Internet connectivity, high quality high density urban living, and a hub for culture and leisure to serve the wider city.
- The **historic** Waterfront is enhanced as the showcase for the city, a hub for culture and major events, an international gateway with high quality waterside living and enjoyment of the sea, and a wholly accessible and inclusive destination.
- Around 19,000 new homes have been provided to meet the housing needs of economic growth and the local population, helping to build a city of quality sustainable neighbourhoods.
- Plymouth is a smart city having created a socio-digital ecosystem where the City shares data and information between partners and the community through an ‘open first’ approach, delivering better co-operation, engagement and involvement, and unlocking the full capacity of local people and businesses to contribute to growth.
- Key transport, digital (**e.g. 5G/fibre**) and other infrastructure projects needed to enable this growth have been delivered, as have projects to create the right environment for growth and investment in the marine industries (**e.g. through the Smart Sound**), knowledge-based industries and the visitor economy.
- The Central Park masterplan and major new strategic parks at Derriford and Saltram have been completed.

- A new heart for the north of Plymouth has been delivered at Derriford and is thriving, anchored by the new Derriford District Centre. Derriford is an established hub for new industries and commerce delivering high quality jobs.
- The wide ranging value of Plymouth Sound and the estuaries is formally recognised through its designation as a National Marine Park and optimised in a way which maintains its environmental status.
- ***The population has played an active role in developing the city's resilience to climate change leading to Plymouth's carbon footprint has been being substantially reduced, with the achievement of net-zero by 2030***, and the city is more resilient to the social, economic and environmental impacts of climate change.
- Plymouth's new architecture and innovative urban design are considered to be some of the highest quality and most inspiring in the UK.
- ***The growing city has respected the surrounding Areas of Outstanding Natural Beauty, and its distinctive character landscapes enabling it to be protected and enhanced for the enjoyment of present and future generations.***

7. Section 3 – Vision (changes to “A glimpse at what an ‘international city’ might look like in 2034”)

- Every resident can feel proud not just about Plymouth's unique past as a city of great importance internationally, but also of its status as a modern international city.
- Plymouth provides an internationally competitive cultural and visitor offer, optimising the value of and developing the product within its existing destinations such as Royal William Yard, The Hoe, The Barbican and Sutton Harbour, the National Marine Aquarium, Plymouth Theatre Royal and Plymouth Life Centre, and linking them to new destination product offerings such as The Box, Plymouth Sound National Marine Park and the Dartmoor / South Hams hinterland, so that the city is recognised as a 'must do' visitor destination internationally.
- The Box is managed as a unique new asset, creating great pride in the city amongst local people, and raising Plymouth's profile to investors and visitors from other parts of the country and world.
- Plymouth has a major international programme with a range of live international projects working across Europe, US, China and beyond that contributes to trade and investment in the creative and cultural industries across the city.
- Plymouth's unique **historic** waterfront has been transformed through improvements to public spaces and key heritage assets, such as The Hoe and The Barbican, as well as hosting major events for art, culture and sport.
- Plymouth Sound, its estuaries and watersides are managed comprehensively as an economic, social and environmental asset of international renown through designation as a National Marine Park.
- Water transport investment has improved access to and opportunities at key locations such as Mount Batten, Sutton Harbour, Millbay, Royal William Yard, Devonport and Mount Edgcumbe Country Park, as well as providing wider connections to waterfront communities such as Turnchapel, Torpoint and Saltash.
- The Mayflower 400 anniversary in 2020 has created a strong legacy both for the visitor economy and for local people, through improved public realm and waterfront access and lasting economic benefits, and has been a catalyst for cultural development across the city.
- Plymouth has built on its reputation for excellent hospitality and food and drink, with major new investment in quality hotels and visitor accommodation.

- Plymouth's position in the global market place has been greatly strengthened through business growth, inward investment and well developed access to new markets, **supported by optimal post-BREXIT port and other trade arrangements.**
- The design of new buildings and of public spaces in the City Centre, along Plymouth's waterfront and at gateways to the city reflect the quality to be expected of Britain's Ocean City.
- ~~A new Marine Industries Production Campus has~~ **New/expanding marine business areas** **have** been fully developed and ~~is~~ **are** driving wider investment in the city and regional economy, helping maintain Plymouth's reputation as a world leader in the marine sciences and technology sector.
- Plymouth University's campus has expanded and supported the regeneration of the City Centre, and the city's three universities and research institutions are collectively giving Plymouth a strong international profile.
- Radical improvements are made to key city gateways, with high quality and modern arrival points through the City Centre's railway station and coach station and an accessible and modernised Millbay port, including the provision of a larger and more accessible cruise liner terminal.
- Plymouth is recognised internationally as a leading sustainable **clean, green** city through its environmental credentials **and the role that residents, businesses and visitors have all played in the addressing of the Climate Emergency.**

8. Section 4 – Healthy City (changes to Strategic Objective 1)

Strategic Objective 1 Delivering a healthy city

To integrate health and wellbeing, promote choice and personal responsibility, formulate health-enabling local policy and develop good quality local services. This will be achieved by:

1. Delivering solutions and creating environments which address the wider determinants of health and wellbeing and make healthy choices available.
2. Reducing health and wellbeing inequalities and the burden of chronic diseases in the city.
3. Delivering the best health, wellbeing and social outcomes for all people, and reducing and mitigating the impact of poverty, especially child poverty.
4. Helping ensure that children, young people and adults feel safe and confident in their communities, with all people treated with dignity and respect.
5. Building strong and safe communities in good quality neighbourhoods with decent homes for all, health-promoting natural and built environments, community facilities and public spaces and accessible local services, **alongside supporting restoration of natural habitats and ecosystems.**
6. Enabling people of all ages to play an active role in their community and engage with arts and culture and other activities to promote social cohesion and good mental health and wellbeing.
7. Providing a safe, efficient, accessible and health-enabling transport network which supports freedom of movement and active travel and promotes low carbon lifestyles that are beneficial to physical and mental health.
8. Providing vibrant, effective and modern education settings that enable children and young people to develop as active citizens in the community and enjoy a good quality of life in a dynamic and modern economy, and delivering quality lifelong learning which is available to everyone and can be tailored to quality employment and social opportunities.
9. Ensuring people get the right care from the right people at the right time to improve their health, wellbeing and social outcomes.
10. Making Plymouth a centre of clinical excellence and innovation to benefit the sustainability and growth of the medical and health care sectors in the city and to create education and employment opportunities.

9. Section 4 – Healthy City (changes to Policy HEAI)

Policy HEAI Addressing health inequalities, improving health literacy.

The City will reduce health inequalities and improve health literacy across all communities, identities and geographies, and improve health and wellbeing in Plymouth by addressing its wide determinants. It will focus on the promotion of good health and wellbeing and the prevention of ill health, and will support people and their communities to gain the appropriate skills, knowledge, understanding and confidence to make choices that benefit their physical, mental and emotional health. It will achieve this by:

- I. Prioritising the promotion of health-enabling lifestyle choices and early detection of the health conditions most strongly related to health inequalities, namely;
 - i. Encouraging a smoke-free Plymouth where future generations are protected from tobacco related harm and live longer and healthier lives. This includes reducing the demand for and restricting the supply of illegal tobacco.
 - ii. Reducing alcohol-related harm in Plymouth by providing support for children, young people, families and individuals who need it, and reducing the access and availability of alcohol to those most vulnerable.
 - iii. Changing attitudes towards alcohol by shifting the focus of the night time economy towards more cultural and sporting activities to create a safer more vibrant Plymouth.
 - iv. Promoting healthy weight and ensuring effective prevention, identification, early intervention and management of obesity in children and adults.
 - v. Increasing everyday activity and participation of all sectors of the community in active lifestyles.
 - vi. Securing improvements in the oral health of both children and adults through innovative, evidence-based, city-wide programmes targeted at those communities in greatest need.
2. Working to improve health literacy so that people can increase their health knowledge, build their confidence to assess health information in order to make judgements and take decisions about their health and wellbeing in everyday life.
3. Working to prevent people misusing substances whilst ensuring that services focus on prevention and recovery from substance misuse.
4. Promoting mental wellbeing, resilience and improved quality of life through improving the range of and access to mental health and early intervention services, integrating physical and mental health care and becoming a Dementia Friendly City. We will continue to promote the five ways to wellbeing – Connect, Learn, Be Active, Notice and Give, and recognise the lifelong impacts of adverse experiences and traumas.
5. Supporting healthy eating and improving access to good food through:
 - i. Promoting access to food growing opportunities and allotments **while supporting the restoration, maintenance and enhancement of the ecosystems that underpin food security.**
 - ii. Ensuring access to healthy catering at sporting, leisure and cultural facilities and events across the city.
 - iii. Using planning powers to protect the food environment within a 400 metre radius of providers of secondary education.
 - iv. Promoting and supporting breastfeeding and ensuring that all children get the very best nutritional start throughout the city
6. Supporting and sustaining a vibrant leisure and sports sector and creating excellent opportunities for physical activity through:
 - i. Delivering programmes that realise the benefits of physical activity in its broadest sense, including walking, cycling and sporting opportunities and through providing

pleasant and secure environments for active travel and improved opportunities for all sectors of the community.

ii. Using planning powers to safeguard the city's facilities that support opportunities for physical activity and active leisure and sport.

7. The establishment of Wellbeing Hubs across the city as a network of integrated resources working together to enable and support people in the local community to live independently and make life choices that will improve their health and wellbeing. The Hubs will be underpinned by a comprehensive social prescribing service, supporting people identified as in need to access the right support for them.

10. Section 4 – Healthy City (changes to Policy HEA6)

Policy HEA6 Delivering a safe, efficient, accessible, sustainable and health-enabling transport system.

The City will deliver a transport system that enables and encourages sustainable and active travel choices, provides good accessibility for the city's population to jobs and services, and supports a healthy environment. This will involve:

1. Using the planning process to:

- i. deliver safe and convenient facilities for walking, cycling and public transport;
- ii. address air quality, carbon emissions and noise pollution;
- iii. actively promote **and facilitate** sustainable travel choices **and quiet connected communities**.

2. Designing transport infrastructure projects to take full account of the needs of all users, the wider community and place shaping needs of the area, whilst also helping to minimise air quality, **carbon emissions** and noise pollution.

3. Facilitating and encouraging walking and cycling through protecting the amenity and safety of the public realm, avoiding street clutter and other unnecessary obstructions and structures, making specific provision for people with **all** disabilities, and maintaining and improving the Public Rights of Way network.

4. Delivering the Strategic Cycle Network and facilities for cyclists which encourage both recreational cycling and the greater **and inclusive** use of cycling as a primary mode of transport.

5. Delivering a public transport system that everyone can use, including working with the bus companies to provide easier ticketing, clear journey planning and timetable information, and accessible boarding and alighting across the city.

6. Working with public transport providers to ensure that each neighbourhood is well connected to the city's High Quality Public Transport Network offering good accessibility to key destinations.

7. Investing in and promoting the growth of an electric vehicle charging network **and encouraging electric vehicle take-up and use and** continuing to work with partners to harness the benefits of alternative fuel technologies **in both land and marine environments**.

8. Delivering a co-ordinated approach, through new development design and retrospective modifications, to reduce road casualties and air and noise pollution, including 20mph limits and zones where appropriate.

9. Working with our partners, including the charitable sector, to provide community transport to enable people who cannot use conventional public transport to access health, leisure, shopping and social opportunities within the city and surrounding area.

10. Working with regional partners, agencies and public transport operators to deliver an integrated transport system across all modes covering key locations within and adjoining the Plymouth Travel to Work Area.

11. Section 4 – Healthy City (changes to supporting text for Policy HEA6)

4.61 The design of transport infrastructure should be appropriate to the location in terms of getting the right balance between place and movement and of high quality, supporting the creation of quality places, ***protecting the setting of historic assets*** and with a view to removing street clutter and barriers to make it easier for people to move around. For example, changes to the street environment such as dropped kerbs and removing street clutter can significantly improve mobility and accessibility for all. Increased feelings of personal safety are also an important factor for increasing levels of walking and cycling, particularly at night and this needs to be addressed through considered design.

12. Section 4 – Healthy City (changes to supporting text for Policy HEA8)

Policy HEA8 Meeting local housing needs

The City will ensure that everyone has access to a decent, safe and affordable home, which is suited to their needs, promotes health and is located in a community where they want to live, by:

- I. Identifying sites and delivering programmes to develop a range of new and affordable homes to rent and buy, this includes:
 - i. Bringing empty homes back into use and converting vacant buildings into new homes where appropriate.
 - ii. Enabling older people to promote, secure and sustain their independence in a home appropriate to their needs, including through the provision of housing across all tenures in sustainable locations and through the provision of Disabled Facilities Adaptations. This will include increased provision for retirement accommodation, extra care and residential care housing.
 - iii. Enabling the provision of high quality housing for younger people and that considers specialist needs and ensures that young people can live close to their families in Plymouth.
 - iv. Bringing forward suitable self build and custom build opportunities to help meet identified needs in the city.
 - v. Increasing choice in housing by greater utilisation of the private rented sector, including new build private sector rented accommodation (Build to Rent).
 - vi. Deliver an increased range of specialist housing such as accessible wheelchair accommodation and supported accommodation to meet the needs of the most vulnerable.
2. Targeting intervention and resources to improve the standard, quality and management of private sector housing.
3. Focusing on the tackling and prevention of homelessness, including rough sleeping, and its wider impact.
4. Tackling fuel poverty through supporting supplier switching, fuel debt relief, and community-led energy supply services, and promoting domestic and non-domestic energy efficiency.
5. Ensuring decent housing is recognised as a key determinant of health and wellbeing.
- 6. Supporting and promoting the reduction of emissions through the use of sustainable building techniques and technologies while encouraging the retrofitting of existing homes to reduce their carbon footprint.***

Complementary use of planning powers will be made to ensure that housing development provides an appropriate number, form, mix and type to meet the needs of all sectors of the community.

13. Section 5 – Growing City (changes to introductory text)

5.4 The Plymouth Plan supports the LEP's mission statement and positions Plymouth as a productive and growing city in the following ways:

- Economically growing – setting out the strategic framework for economic growth in the city. This includes:
 - Ensuring that the measures are in place to transform the city's economy, raising productivity, growing our existing businesses, building on our natural and competitive strengths, creating new higher wage job opportunities for people to find work in Plymouth and making sure people have the best possible skills etc. to take advantage of such opportunities, so that everybody benefits from increased growth.
 - Enabling the delivery of homes to provide high quality places for new and existing residents to live, and growing the city's population to nearly 300,000 by 2034.
 - Ensuring that Plymouth is a place where investors find a positive and welcoming environment for commercial projects and developments.
- Socially growing – ensuring that the economic growth of the city benefits as many people as possible and delivers a better quality of life for all. This includes:
 - Managing the growth to ensure that it creates a quality city of well designed places and buildings, a respected and utilised heritage.
 - Ensuring that growth contributes to the creation of sustainable linked neighbourhoods, where local people can create opportunities to improve their neighbourhoods and deliver quality places.
 - Working with partners to engage communities, understand and address barriers to economic inclusion, and enable individuals and groups to be enterprising.
- Environmentally growing – the city has an enviable environmental quality and setting which is second to none in the UK. These assets must be utilised to create and promote a city of natural networks. Additionally, the city's low carbon credentials must be built upon, setting ambitious targets for reductions in emissions, ensuring Plymouth is resilient to the impacts of climate change. The city has existing strengths in low carbon and environmental industries and these must ~~continue to~~ play **an even more** significant role in the transformation of the economy.

14. Section 5 – Growing City (changes to Strategic Objective 2)

Strategic Objective 2 Delivering a growing city.

To create the conditions for high quality and sustainable growth (**clean growth**), which meets the present and future needs of Plymouth residents and businesses and transforms the city into a prosperous place to live, work and visit, and to empower people to equip themselves with the skills and to find the opportunities to take advantage of that prosperity. This will be achieved by:

1. Building on our industrial strengths to continue to transform and re-balance the economy, building a strong inward investment and export portfolio with a focus on productivity and higher value, knowledge based industries (including marine / marine technology, advanced manufacturing, creative / digital, and the medical/healthcare sector and high value international tourism), alongside supporting the city's valued naval / defence presence.
2. **Developing a new and substantial cross-sector strength in businesses addressing, and supporting others to address, the climate emergency.**
2. 3. Capitalising on Plymouth as a 'city of makers', using this wealth to drive the creative economy by retaining more creative graduates and attracting makers on a national scale to locate to Plymouth.
3. 4. Managing the city's growth **and change**, in a way that **minimises carbon emissions**, is resilient and adaptive to future technological and environmental changes and impacts, and which provides sustainable solutions for development, energy, waste and water catchment management.

4. **5.** Creating an environment where businesses can thrive and where the aspiration and talent of the city's population is harnessed and new talent, ideas and innovation attracted to the city.
5. **6.** Developing quality jobs and valuable skills, including supporting those who are underemployed or outside of the labour market, allowing everyone to benefit from increased growth and prosperity.
6. **7.** Maintaining and enhancing Plymouth's natural networks, providing the green and blue natural spaces needed to support the social and economic wellbeing of Plymouth, **recognising its important role in managing climate change and achieving net-zero** as well as safeguarding the natural environment for future generations.
7. **8.** Delivering a sustainable transport network that supports Plymouth's long term growth **while at the same time addressing existing carbon emissions.**
8. **9.** Delivering a positive and sustainable approach to waste management that optimises its economic and social benefits, whilst minimising adverse environmental impacts.

15. Section 5 – Growing City (changes to Policy GRO1)

Policy GRO1 Creating the conditions for economic growth.

The City will create the conditions for driving productivity and prosperity for all, attracting inward investment in knowledge-based industries including the marine and advanced manufacturing sectors and supporting new and existing city business, through the following measures:

1. Delivering transformational economic infrastructure.
 - i. Developing its world class marine / defence technology assets through the Oceansgate Enterprise Zone and other key developments and locations (**e.g. Smart Sound**).
 - ii. Adopting a proactive and innovative approach to utilising the City's significant marine / defence research assets, including the creation of new research facilities in strategic locations.
 - iii. Developing a world-class 'knowledge campus' in the north of the city, particularly in the Derriford area, through proactive management of strategic employment sites to achieve optimal outcomes.
 - iv. Developing infrastructure that supports the business sector in contributing to a net-zero city, including both business and learning and skills development space and capabilities.**
2. Encouraging business growth and investment.
 - i. Supporting the Growth Hub in creating an integrated and accessible business support offer for all businesses looking for start-up support or for growth advice, guidance and signposting.
 - ii. Supporting the development of new business incubation environments to raise business start-up rates, including space for connecting students, academics, researchers and entrepreneurs and providing start-up capital, mentoring and skills to retain talent and grow new businesses.
 - iii. Raising the proportion of businesses exporting (including trading online) and helping those currently exporting to exploit new market opportunities through targeted support.
 - iv. Opening up data where possible to improve our collective understanding of how the city operates and unlocking the potential of a smart city, while improving digital connectivity (**e.g. through 5G, full-fibre**) and cyber security, thereby supporting the growth of existing businesses, driving innovative business opportunities and maximising the potential of the digital industry.
 - v. Boosting levels of local procurement and connecting residents to opportunities arising from major developments and inward investments.

3. Empowering people, communities, businesses and institutions to develop co-operative, mutual and other social enterprise initiatives to drive their own economic success.
 - i. Providing targeted support for the creation and growth of cooperatives, mutual and other social enterprises across the city, building on Plymouth's status as a Social Enterprise City.
 - ii. Empowering communities to develop new economic opportunities, including through the transfer of community based assets and the growth of cooperatives, mutual and other social enterprises and the voluntary and community sector.
4. Use planning powers to ensure that a good supply employment land is provided and maintained to meet the needs of existing and new businesses.

16. Section 5 – Growing City (changes to Policy GRO2)

Policy GRO2 Delivering skills and talent development.

The City will provide an accessible environment for high quality lifelong learning so that all of its residents have the opportunity to access learning to develop their skills and talents in order to progress in their working lives and develop their careers, contributing to the realisation of Plymouth's economic potential. In particular:

1. Develop, attract and retain a highly skilled and adaptable workforce by:
 - i. Enhancing the education, skills, and learning opportunities, so as to improve the economic potential and outcomes of our workforce by working to strengthen the partnerships between the city's education institutions, communities and employers to match skill levels with demand.
 - ii. Effectively matching skills with demand by enhancing 'advice, employability matching and mentoring' schemes, so as to maximise employment outcomes and reduce skills gaps for employers.
 - iii. Driving entrepreneurship and promoting management excellence, so as to maximise business competitiveness and productivity.
 - iv. Encouraging recruitment, retention and development of all sections of society.
2. Enterprise and innovation will be driven by:
 - i. Supporting the removal of barriers to innovative development, training, growth and expansion, business start-up and advice.
 - ii. Monitoring, communicating and supporting sector specific skills gaps and their interventions.
 - iii. Growing, attracting and retaining **STEM and low carbon** talent, and increasing the proportion of **STEM and low carbon** qualifications in the city so as to match significant demand.
3. People will be helped to prepare for and progress in work by:
 - i. Streamlining and co-ordinating high quality training and education courses to ensure there is a fair and relevant city-wide offer.
 - ii. Improving learner access to employability skills and STEM (Science, Technology, Engineering and Mathematics) **and low carbon** subjects.
 - iii. Improving learner access to core skills, including English, Mathematics, ICT, green, interpersonal, life / social, relationships and customer skills.
 - iv. Providing pre-vocational targets for people who can't meet academic targets and providing support to enable those with additional needs to prepare for and progress in work.
4. Learning environments will be provided that equip people with the skills they need by:
 - i. Ensuring that new school places are provided to accommodate growth in the city's population, through a planned approach to expansion and where necessary, through identifying locations for new schools.

- ii. Developing an employer led system, to ensure the city's skills supply matches demand and residents are productively and sustainably employed.
- iii. Placing the assets, facilities, talent and expertise of the city's higher and further education providers at the heart of business growth.
- iv. Using planning powers to help address skills deficiencies and training needs, particularly in the construction industry and to support STEM **and low carbon** skills development where appropriate.

17. Section 5 – Growing City (changes to Policy GRO7)

Policy GRO7 Reducing carbon emissions and adapting to climate change.

The City will pursue the following approaches to deliver significant reductions in carbon emissions in Plymouth, aiming to ~~halve 2005 levels of carbon emissions by 2034~~ **achieve net-zero by 2030** through:

1. Encouraging and enabling large scale uptake of retrofit insulation, and renewable/low carbon energy generation equipment and infrastructure to existing buildings, and promoting other energy demand reduction measures.
2. Supporting and enabling the installation of renewable and low carbon energy generation capacity, including encouraging community owned installations and identifying land for large scale renewable energy installations.
3. Promoting and supporting exemplar low carbon development that adopts higher design and construction standards, such as BREEAM, Passivhaus and the Code for Sustainable Homes etc.
4. Promoting the creation of infrastructure to supply low carbon heat through the delivery and expansion of district energy networks.
5. Supporting the development of resilient, efficient local energy markets through the identification and promotion of local opportunities for SMART energy infrastructure that helps to balance local supply and demand.
6. Seeking solutions that reduce the need to travel, and ~~facilitate~~ **encourage** the move towards sustainable modes of travel.
7. Using planning powers to promote development that reflects the risks posed by climate change and the need for society to move towards a low carbon future.

18. Section 5 – Growing City (changes to Policy GRO9)

Policy GRO9 Minimising Plymouth's waste.

The City will adopt an approach to waste management that strives to achieve the most sustainable solution **with the minimisation of greenhouse gas emissions**, subject to the constraints of feasibility and financial viability. As such, the City will proactively support the development of a circular economy to gain maximum value from materials and products by keeping resources in use for as long as possible, and then recovering material value at the end of life. In order to achieve this outcome, the City will review its policies and plans which currently support the city's waste management in the following order: 1. Prevention; 2. Preparing for reuse; 3. Recycling; 4. Other recovery; 5. Disposal, and will aim to achieve a 50 per cent recycling rate **and a reduction in carbon emissions across the waste management hierarchy**.

- I. Waste prevention. In order to sustain the delivery of high levels of waste reduction, the City will:
 - i. Continue to actively undertake waste prevention and minimisation awareness raising campaigns and educational activities.
 - ii. Promote and support home composting for garden, vegetable and fruit wastes.
 - iii. Support those engaged in the development of a circular economy and the extension of product life.

2. Waste reuse and recycling. The City will:
 - i. Continue to proactively assist community and voluntary groups, and businesses which seek to explore, pilot and develop reuse and recycling activities and projects to generate economic and social value.
 - ii. Enhance its recycling infrastructure and continually seek opportunities to support investment in its Materials Recycling Facility, Household Waste Recycling Centres and the expansion of these and other facilities as viable options for increasing recycling.
3. Waste recovery. In relation to residual waste that is still left to be managed and which is not committed as part of the waste stream to be processed through the Devonport North Yard Energy from Waste Plant, the City will strongly encourage the use of emerging green technologies for waste recovery. In this respect, the City will give proactive assistance to public sector organisations, community and voluntary groups, and businesses which seek to explore, pilot and develop the use of green technologies.
4. Municipal waste management outcomes. The City will continue to minimise the amount of municipal waste that is landfilled, so that less than 2 per cent of waste arising are landfilled. Additionally, the City will identify detailed actions to achieve ambitious waste management outcomes to maximise the prevention, reuse and recycling of waste.
5. Planning powers will be used to ensure that development contributes positively to the achievement of the waste management hierarchy.
6. In respect of the processing of incinerator bottom ash from the Energy from Waste plant, which forms part of the waste stream generated for Torbay and south and west Devon, the City will expect a regional solution to be found given the city's urban nature.

19. Section 6 – International City (changes to Strategic Objective 3)

Strategic Objective 3 Delivering the international city

To enhance Plymouth's profile as an international city where the city projects itself to people who might invest, study or visit the city; to encourage and support Plymouth's businesses to engage in trading terms in an increasingly global market place; and to ensure the city fulfils its potential as a distinctive, dynamic, cultural centre of international renown. This will be achieved by:

1. Driving productivity through support for the growth of internationally significant businesses, including those with sovereign / defence capabilities, attracting new investment into the city (e.g. through establishing a Marine Technology Park at Oceansgate) and encouraging all businesses to expand trading in the global market place.
2. Raising the profile of Plymouth internationally through its Britain's Ocean City brand and Mayflower 400 in 2020 as a key catalyst and driver, and through the presence of the UK's first National Marine Park.
3. Promoting Plymouth as an internationally competitive tourist destination, with improving road, rail, air and sea and digital connectivity, providing an accessible visitor experience which capitalises on the city's world class waterfront and maritime heritage and natural and built heritage assets, and delivers a long standing economic legacy for the city.
4. Establishing Plymouth as a distinctive, vibrant, cultural city known on the international stage for its rich heritage, creative industries and unparalleled natural setting, having an equally strong appeal for residents, students, visitors and investors.
5. Providing innovative, high quality architectural development to set the city apart and create an attractive, forward looking environment.
6. Providing a full range of hotel and visitor accommodation, including new high quality provision, to ensure that there is adequate accommodation capacity for all visitors.
7. Recognising Plymouth internationally as a leading green city ***that has made exemplary progress on addressing its carbon footprint.***

8. Further developing our universities, research institutions and knowledge based industries which are widely known for their innovation and world class assets.
9. Delivering a strong, diverse and dynamic city that welcomes new residents, students and visitors and that celebrates cultural diversity.

20. Section 6 – International City (changes to Policy INT2)

Policy INT2 Plymouth in the global market place.

The City will actively work to promote Plymouth's position in the global market place, using the Britain's Ocean City brand and building on the strengths that the city already has, particularly in relation to defence and marine sciences and high technology manufacturing as well as its maritime location. The City will encourage business growth and inward investment and assist more businesses to export and access new markets, **supported by optimal post-BREXIT port and other trade arrangements.**

21. Section 6 – International City (changes to Policy INT3)

Policy INT3 Positioning Plymouth as a major UK destination.

The City will support and secure additional investment in its visitor economy, with programmes and actions to enhance Plymouth as a destination for all seasons, to grow high value tourism, market the city effectively, and support business tourism and tourist related business development and improve productivity. This will include:

- I. Delivering a high quality visitor accommodation, business and conferencing offer for all visitors in its core tourism and business areas, including:
 - i. Working proactively to attract 4 and 5 star and boutique hotels to the city and in particular to its core tourism, waterfront and business areas, filling a current gap in provision in the city's visitor accommodation offer.
 - ii. Supporting investment in alternative visitor accommodation models such as high quality self-catering accommodation, serviced apartments, camping and improving the offer currently provided.
 - iii. Prioritising development of high value tourism including attracting more international visitors and business meetings, conference and incentives market.
2. Recognising Plymouth as a destination for high quality restaurants and catering, linked to the Britain's Ocean City brand and marine credentials, and supporting proposals and product development that strengthen this offer.
3. Enhancing the overall experience of visitors in travelling to and within the city through:
 - i. Working to deliver high quality strategic and low carbon local public transport into and around the city (including the South West Coast Path and National Cycle Network, with good quality visitor information and additional efficient transport management for major events.
 - ii. Transforming the gateways to the city, including delivering comprehensive improvements to Plymouth Railway Station and Coach Station, building on the City's cruise / ferry terminal strengths, **and responding to consumer demand for electric car charging facilities and encouraging the use of electric vehicles through provision of a wide spread of charging and hire locations.**
 - iii. Providing and promoting high quality pick up and drop off facilities for visitor coaches at accessible and convenient locations around the City Centre and Waterfront.
 - iv. Delivering a quality public realm for the City Centre and core tourism areas along the waterfront.
 - v. Ensuring the City Centre is suitable for active travel modes, is well connected to green and blue spaces, and is actively promoted to prospective visitors.

- vi. Creating smoke-free spaces when events are held.
- 4. Maintaining and delivering a vibrant mix of attractions and destinations to support the visitor economy, including in the cultural, arts, leisure, heritage and retail sectors, as provided for by other policies of this plan.
- 5. Delivering a strategic programme of major events, including the Mayflower 400 celebrations, which deliver a long term economic and cultural development legacy for the city and will provide a vibrant and rich educational resource.
- 6. Enhancing Plymouth's offer for hosting conferences and as a meeting place for national and international business events through delivering a conference and meetings strategy and associated campaigns to attract targeted groups.
- 7. Using planning powers to identify strategic opportunities for new high quality hotels and address capacity shortages in hotels and visitor accommodation, and to support the provision of services and facilities to support the visitor economy.

22. Section 6 – International City (changes to Policy INT6)

Policy INT6 Enhancing Plymouth's 'green city' credentials.

The City will actively pursue measures that build upon its current strengths in green technologies as well as its exceptional natural environment, to become one of the leading **clean**, green cities in Europe. This will include:

- 1. Developing and promoting our contribution to managing climate change and sea level rise through continuing to pursue ambitious carbon reduction emission targets (**net-zero by 2030**) and proactive natural network management, and putting in place infrastructure to enable businesses to make the transition to a low carbon economy.
- 2. Promoting our marine renewable energy technological and operational expertise, through the creation and promotion of a Marine Renewable Energy Hub and a well-trained and qualified, carbon literate workforce able to recognise and respond to the **clean**, green growth opportunities of a low carbon economy. This will provide a basis for inward investment and international collaborations in the energy sector.
- 3. Reducing transport related carbon emissions by offering an efficient, **accessible** and attractive choice of sustainable travel options for all sectors of the community, visitors, businesses and commuters within pleasant and secure environments and actively supporting the transition to low emission vehicles.
- 4. Safeguarding the special conservation status and environmental quality of the Plymouth Sound and Tamar Estuaries European Marine Site, the Tamar Estuaries Special Conservation Zone and other sites, species and habitats of European importance.
- 5. Recognising organisations that demonstrate excellence in green and sustainable solutions across the city.
- 6. Continuing to lead the way nationally in natural infrastructure delivery.
- 7. Developing innovative approaches through culture to engage communities and address issues of sustainable living using international models of best practise.
- 8. Working closely with our local businesses to develop a 'green' culture and to support and encourage them to use best practise to benefit their business as well as the wider city environmental aims.

23. Section 6 – International City (changes to supporting text to Policy INT6)

6.32 This policy builds on the City's commitment to be a leading green city. This means working to ~~substantially reduce carbon emissions~~ **achieve net-zero in the City by 2030** therefore making our own contribution to the international effort to manage climate change. This commitment includes big efforts to help people and businesses save energy, generate low

carbon energy, protect Plymouth's special natural environment and reduce transport-related carbon emissions and utilise the services nature provides.