



CLIMATE CONVERSATIONS

TAKE LOCAL ACTION
BE PART OF THE SOLUTION



Become a key player. Have your say.

POTENTIAL IMPACTS OF CLIMATE CHANGE

The City of Port Phillip is low lying, sandy and a highly urbanised landscape and environment. Some areas are prone to flooding; and our beaches are prone to erosion. We will experience more unpredictable and extreme weather which will make it harder to plan and design our city for the future.

THERE IS A LOT WE CAN DO TO RESPOND TO THESE RISKS. THE GOOD NEWS IS THAT WE ARE ACTING NOW TO MANAGE THE IMPACTS OF CLIMATE CHANGE.

Less Rainfall, Drier

We are already experiencing a 16% drop in total annual rainfall, with a predicted 35-40% drop in total annual rainfall by 2100. Less rainfall will impact on our parks, trees and gardens, local wildlife and the health of our waterways, and will increase the cost of water.

Floods, Storms and Wind

Rain, storm, and wind events will become less predictable, more frequent and more intense. This will lead to more flash flooding and extreme weather, even within the short term.

Rising Sea Levels

Sea Levels are expected to rise by at least one metre by 2100, and could rise faster after 2100. This will affect our beaches, foreshore assets and public spaces, as well as the city's drainage capacity during storm and rainfall events.

Hotter Weather

Temperatures are estimated to rise to over 5°C above historical temperatures by 2100. Progressively hotter weather will affect indoor and outdoor comfort; local gardens, parks and trees; and lead to a higher incidence of diseases and pests.



OUR CURRENT CLIMATE CHANGE ACTIONS

Supporting you to reduce your carbon emissions, water use and waste

Council runs several climate action programs that can help you to live sustainably and help the planet. Visit www.portphillipenvironment.com.au. Our target is a 50% reduction in community carbon emissions, water use and waste by 2020.

Reducing council's carbon emissions

Council is making our childcare centres, libraries, town halls, and council offices more energy efficient. We are installing more energy efficient street lighting, increasing renewable energy use, making council vehicles more fuel efficient, reducing our car fleet, and building low carbon roads and footpaths. Our target is zero carbon emissions by 2020.

Reducing council's water use and piloting water sensitive urban design

Council is making our buildings water efficient, and our parks, gardens and street trees drought tolerant by capturing and reusing rainwater and stormwater. We are also implementing a range of landscaping measures to capture and clean our stormwater. Our target is a 70% reduction in mains water use by 2020.

Buying green, being waste-wise and resource-efficient

Council is reducing waste, paper and resource use, increasing green tenders and contracts, using sustainable and recycled materials in our facilities, and increasing internet and web-based resources for community use. Our targets are a 75% reduction in waste and that 75% of all purchasing and tenders meet environmental requirements by 2020.

These actions will help us to significantly reduce our collective carbon emissions and water use. A range of new actions are being considered to assist us to build a water sensitive, climate adept city.

OUR NEW ACTIONS

DRAFT CLIMATE ADAPTATION PLAN

Aims to progressively climate proof our city and build local climate resilience against risks such as flooding, hotter summers and protecting our coastline.

DRAFT WATER PLAN

Aims to create a city that embraces the sustainable management of all water sources, through water efficiency, stormwater management, and water harvesting and reuse.

Draft plans to be finalised following submissions and online discussion

LOCAL COMMUNITY ACTION PLAN

To be developed through local planning sessions from April 2010

PREPARING FOR A CHANGING CLIMATE

Our draft Climate Adaptation Plan –

1. Help you to plan and prepare for climate risks and impacts

We will work with you to help in your efforts to:

- climate-proof your homes, businesses and recreational spaces
- manage and counter heat stress and hot weather
- manage your response to flooding, storms and other events
- work with your neighbours to be better prepared, and help others more affected by a changing climate.

2. Climate proof buildings

- new building and development guidelines and requirements to reduce and prevent future flooding, storm and wind damage
- new development requirements and conditions on the entire coastline.



3. Flood management

- increase stormwater drainage capacity to reduce flood events
- increase use of flood calming works such as drainage works and water sensitive urban design
- new development and building requirements to reduce and prevent future flooding in properties.

4. Beach protection

- progressive use of sand alternatives, groynes, seawalls and dunal vegetation to reduce erosion from rising sea levels, in collaboration with other cities around the bay
- progressive redevelopment of our coastline to be more resilient and to create new local recreational and retail opportunities by the beach.

5. City climate

- new planning and planting controls for developments, streetscapes and public spaces to increase the use of trees, rooftop and vertical gardens to counter heat island effects
- increased help and programs to assist local communities to manage hot days, heat stress and keep homes cooler in summer.

6. Access and safety

- updated council emergency response plans
- develop strategies for increasing community awareness and action during emergency events.

OUR VISION

A climate clever and adaptive city that maintains healthy and productive communities, neighbourhoods and ecosystems while enhancing our climate resilience within a changing world.



PREPARING FOR A DRIER CLIMATE

Our draft Water Plan –

Adopt new targets for sustainable water management for 2020

Targets can help council become a water sensitive city. In addition to our existing water conservation targets we are planning to adopt others to help us get there including:

- 1. Using existing water better** – we can meet 50% of the city's open space irrigation needs from sources such as rainwater, stormwater and wastewater.
- 2. Reducing stormwater pollution** – council has targets to remove the suspended solids and nutrients contaminating our stormwater, to protect our waterways and our bay.

OUR VISION

To transition to a water sensitive city that uses a range of water sources, improves the health of our waterways and bay, and enhances community and environmental wellbeing.

Implement council's five strategies for sustainable water management

1. Help you to implement water sensitive urban design in your home and business

- in your home or business you can install water efficient showerheads, toilets and appliances, rainwater tanks, greywater systems, and raingardens
- we will provide every opportunity to assist you to save water and reduce pollution to our bay.

2. Make water sensitive urban design standard practice for council

- water sensitive urban design is landscaping that captures and reuses stormwater whilst removing pollution from it. It is the main way council can transition to a water sensitive city.

3. Implement water efficiency in parks, gardens and facilities

- this is an ongoing area of focus to assist the city to maintain water savings made to date
- council's open space water management plan and building efficiency improvements program will help us get there.

4. Implement water sensitive urban design in roads, drainage and streetscape works

- any city streetscape due for renewal or redevelopment presents a good opportunity to incorporate water sensitive urban design
- council's capital works program will help us get there.

5. Implement stormwater harvesting for open space

- capturing stormwater can provide a reliable supply of water during times of restrictions. It can also reduce stormwater pollution, and help reduce flooding
- council's open space water management plan will help us get there.



BECOME A KEY PLAYER HOW TO HAVE YOUR SAY

1. View the draft plans

Copies of the draft Climate Adaptation Plan and draft Water Plan are available from:

- council's website; please visit www.portphillip.vic.gov.au/climateconversations
- the front counter at the following libraries – St Kilda Library, Port Melbourne Library, Emerald Hill Library and Albert Park Library.
- the ASSIST counter at the St Kilda, South Melbourne and Port Melbourne Town Halls.

2. Attend the climate conversations general session or drop in discussion

Find out more about climate adaptation and provide feedback and ideas about council's draft Water and Climate Adaptation Plans.

General session

When: 6:15pm - 9pm, Thursday, 4 March 2010

Where: Auditorium, St Kilda Town Hall, cnr Carlisle Street and Brighton Road.

Drop in discussion on the talking tram

When: 10am - 4pm, Saturday, 20 March 2010

Where: Middle Park Foreshore, cnr Mills Street and Beaconsfield Parade.

Please register for either session by 26 February 2010

Please call 9209 6548 or

email rsvpenviro@portphillip.vic.gov.au

3. Attend the local sessions to develop the local community action plans

Participate in sessions to develop the vision and actions for your local Community Action Plan. Sessions begin in April 2010. The action planning process will compose of a series of bi-monthly community participatory planning sessions.

To register

Please call 9209 6548 or

email rsvpenviro@portphillip.vic.gov.au

4. Discuss and make suggestions online

Use the 'let's talk' online Climate Conversations Forum at www.portphillip.vic.gov.au/climateconversations to:

- provide ongoing feedback and comment on both council and community action plans from March to June 2010
- engage in long term discussion in these areas.

5. Make a submission

Submissions can be sent to

City of Port Phillip

Private Bag No. 3

PO St Kilda, Victoria, 3182

or email enviro@portphillip.vic.gov.au

By Friday, 23 April 2010



Please also let us know if you have any hearing, access, or interpretation requirements.

FURTHER INFORMATION

Talking your language

If you, or you know someone who would appreciate the information in this publication translated in another language, please telephone the council's interpretation service:

Chinese - 9679 9810

Greek - 9679 9811

Polish - 9679 9812

Russian - 9679 9813

Other languages - 9679 9814

Information, requests, questions and feedback?

Contact ASSIST

Telephone: (03) 9209 6777

Fax: (03) 9536 2722

Email: assist@portphillip.vic.gov.au

Internet: www.portphillip.vic.gov.au

You can visit your local ASSIST at:

St Kilda Town Hall, corner Brighton Road and Carlisle Street, St Kilda

South Melbourne Town Hall, 208 - 220 Bank Street, South Melbourne

Port Melbourne Town Hall, 333 Bay Street, Port Melbourne

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