

## Modelled Climate Risks for City of Port Phillip Include:

Progressively more intense & frequent catchment & coastal flooding - over half the City is low-lying & at the bottom of large catchments (Yarra & Elster)





## Actions Within 5 Years.....

Develop & Use
Integrated Future Flood Models
+ UHI Models to Enable -

Planning & Building Resilience Conditions for Developments, Renovations & Body Corporates

Require Resilience-Supporting Public Infrastructure & Assets

Advocate for **upstream flood retention** & detention; Initiate **workable concepts for living shorelines** & flood resilient spaces

Enable green infrastructure on heritage

Lead by example.

Establish Appropriate
Resilience Strategies for
Your Home -

Urban Forest & Green Infrastructure for exterior walls & spaces - especially treeless streets, back lane fences & multi-storey buildings.

Storm-rainwater retention & detention at your home for reuse & to reduce flood impacts

Planning a renovation? **Build for resilience** to your climate risks.

Tenant? Discuss options to install solutions for more better rent-deals ~ you are making their asset more resilient after all!

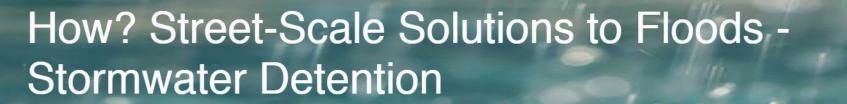
The City

You, the community









- Street-scale & building-scale storage systems help to reduce flood impacts - must consider local floods in detention capacity
- Increase permeability in footpaths, back lanes & parking spaces

 Enable water-flow & use in the landscape - Flood management through urban design features

## **How? Coastal Adaptation over Long Term**

- Living Shorelines Coastal wetlands reduce storm surge impacts, protect coastlines from erosion and absorb some coastal floodwaters
- Polders Assist to withhold tidal impacts and protect infrastructure & homes
- Flood Resilient Housing & Infrastructure where relevant Consider 'floating' houses, structures & infrastructure to become
  increasingly resilient to frequent flooding.



3 Actions For Your Home & Community

- 1. Maximise rainwater
  capture & reuse install tanks under your
  verandah, slimline wall
  tanks, or roof tanks
- 2. Increase permeability in your outdoor spaces footpaths, driveways & patios

3. Use smart flood damage prevention devices when you need them - vent covers, floodsac devices for doors, clean gutters & sweep up leaf debris before storms