



City of Port Phillip Climate Conversations

St Kilda Town Hall, 4th November 2009



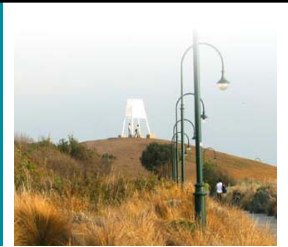
Welcome



Cr. Frank O'Connor, Mayor




What is Climate Conversations?



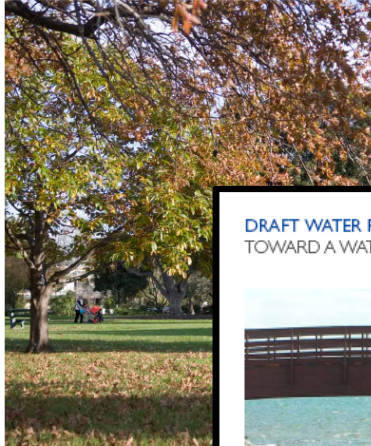



CLIMATE CONVERSATIONS
TAKE LOCAL ACTION
BE PART OF THE SOLUTION



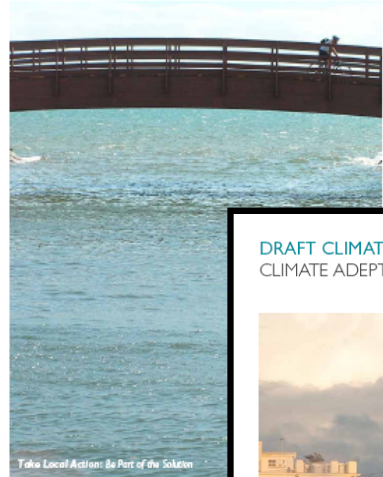

Become a key player. Have your say.

OPEN SPACE
WATER MANAGEMENT PLAN
TOWARD A WATER SENSITIVE CITY



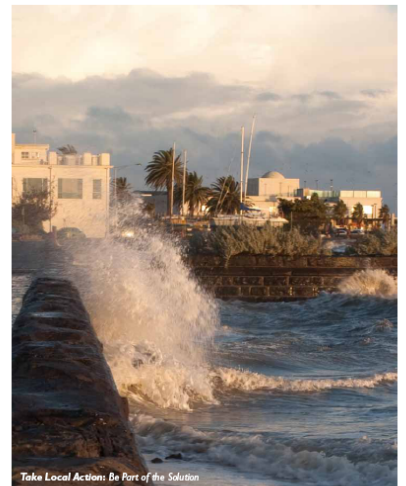

Take Local Action: Be Part of the Solution

DRAFT WATER PLAN
TOWARD A WATER SENSITIVE CITY



Take Local Action: Be Part of the Solution

DRAFT CLIMATE ADAPTATION PLAN
CLIMATE ADEPT CITY



Take Local Action: Be Part of the Solution



Be Part of the Conversation



GREENHOUSE PLAN

LOW CARBON CITY

**DRAFT CLIMATE
ADAPTATION PLAN**

CLIMATE ADEPT CITY

DRAFT WATER PLAN

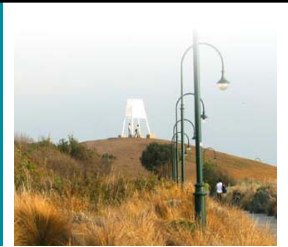
WATER SENSITIVE CITY

COMMUNITY CONSULTATION

LOCAL COMMUNITY ACTION PLAN



Climate Conversations Consultation Process



CONSULT ON
COUNCIL PLANS

Tonight
March 4 2010

Discussion on Talking Tram
March 20 2010

CONSIDER PLANS FOR
ADOPTION

June/July 2010

DEVELOP LOCAL COMMUNITY
ACTION PLAN
Local Planning Sessions

April – Dec 2010

FINALISE LOCAL
COMMUNITY ACTION PLAN

Early 2011



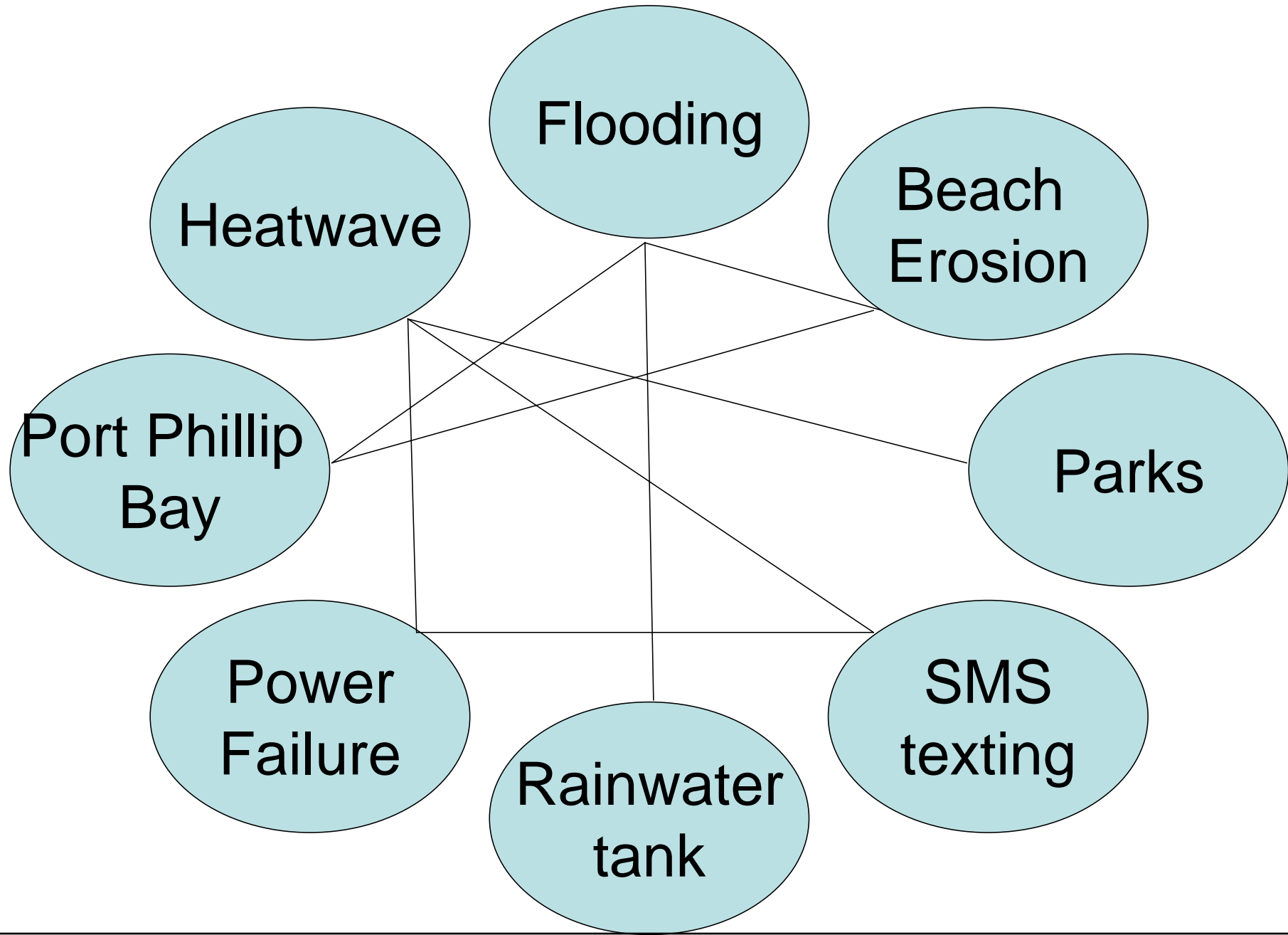
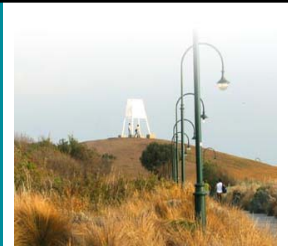
Getting comfortable with Climate Adaptation



**Find the connections between the
climate adaptation issues and
actions around the table**

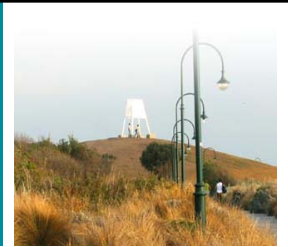


Getting comfortable with Climate Adaptation





Responding to Climate Change is 2-fold:



Carbon Abatement

Preventing, reducing & sequestering greenhouse gas emissions; becoming energy efficient and using renewable and low carbon energy or fuel sources.

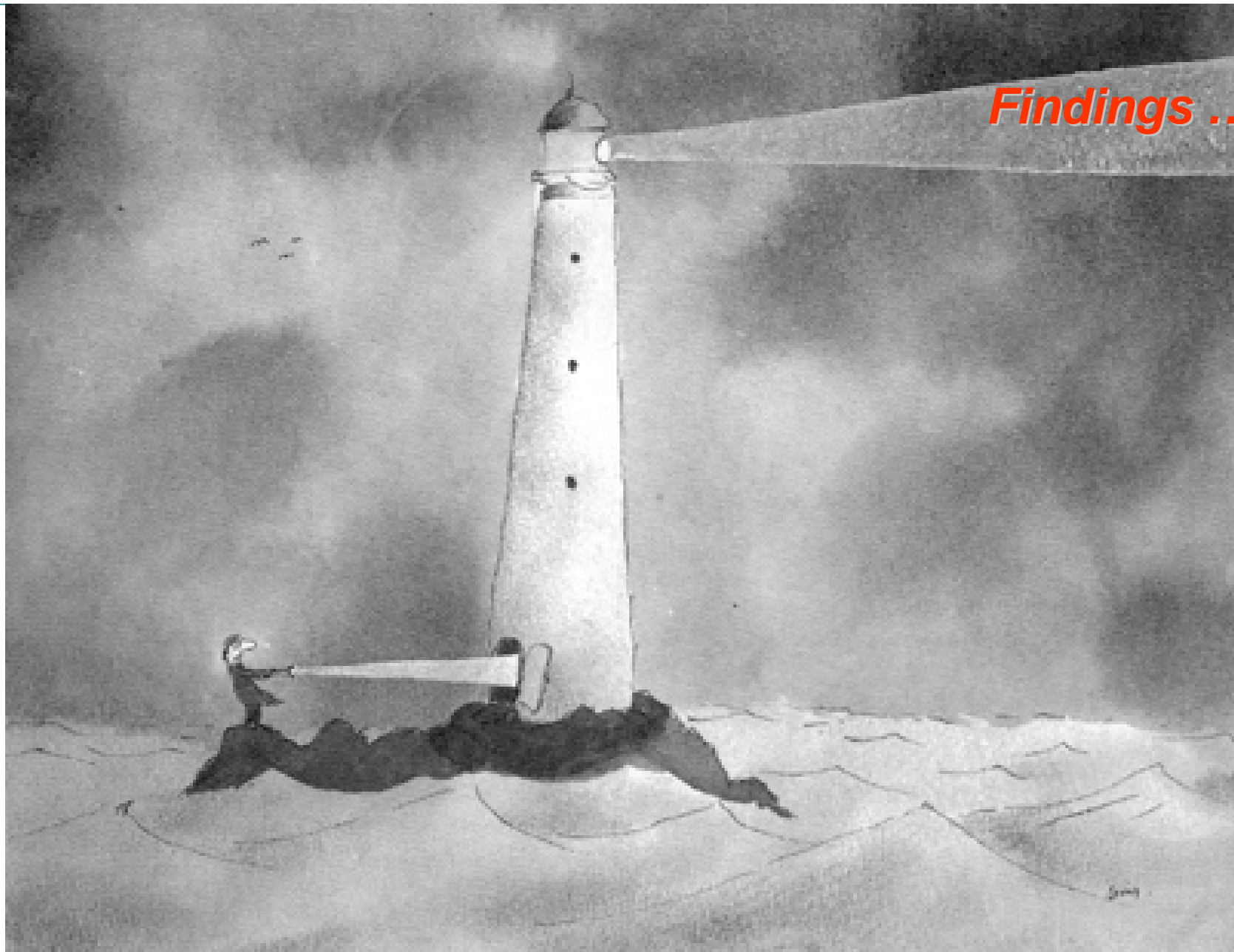
Climate Adaptation

Adjusting the way we resource, build, use & maintain places & spaces to make our cities and communities more resilient to a changing climate.



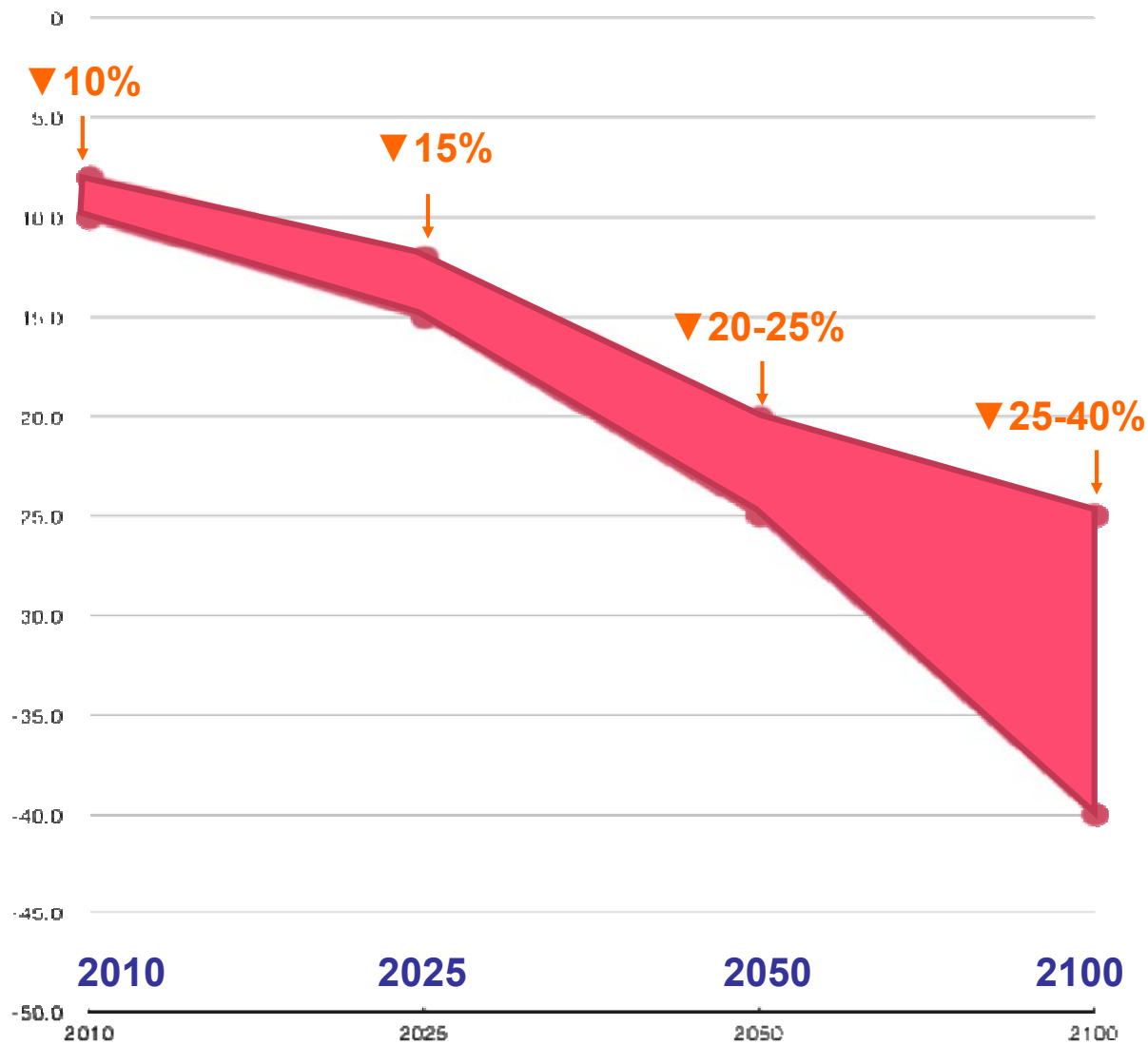


Projected Climate Risks - The Findings



Decrease in rainfall

>> What it means for the City

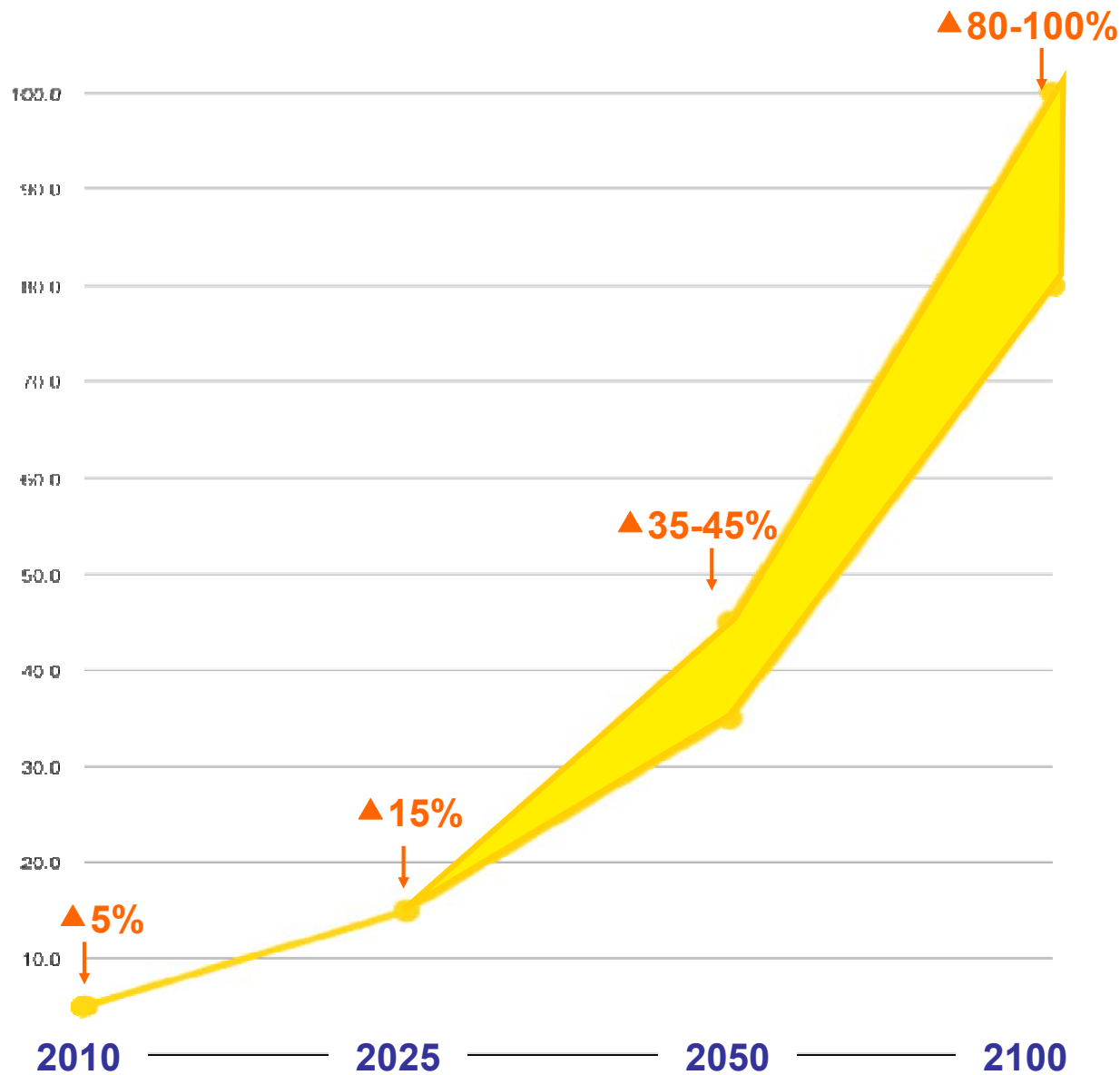


Source: IPCC & CSIRO, 2009



Occurrence of extreme weather events

>> What it means for the City

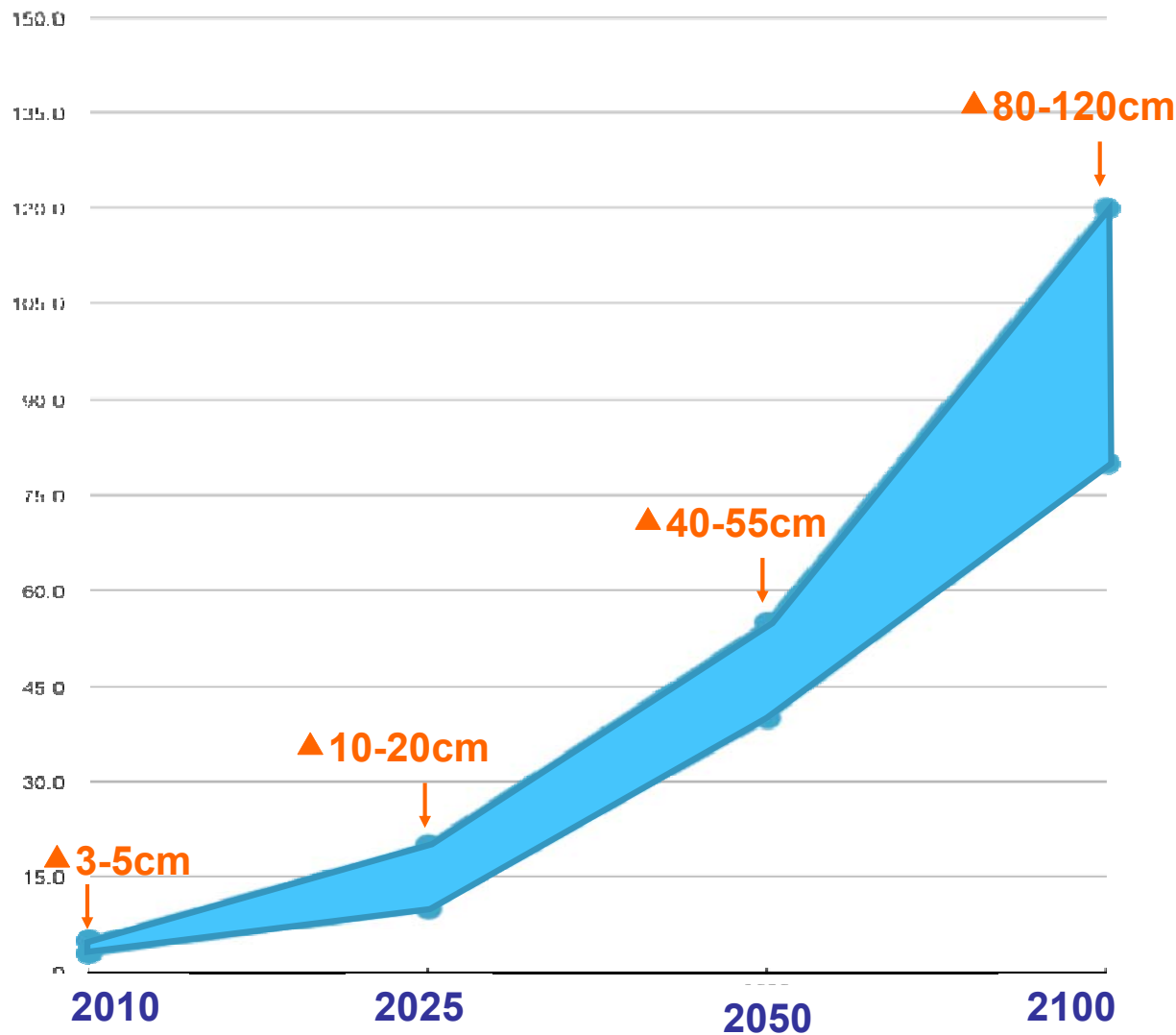


Source: IPCC & CSIRO, 2009



Rising sea levels

>> What it means for the City

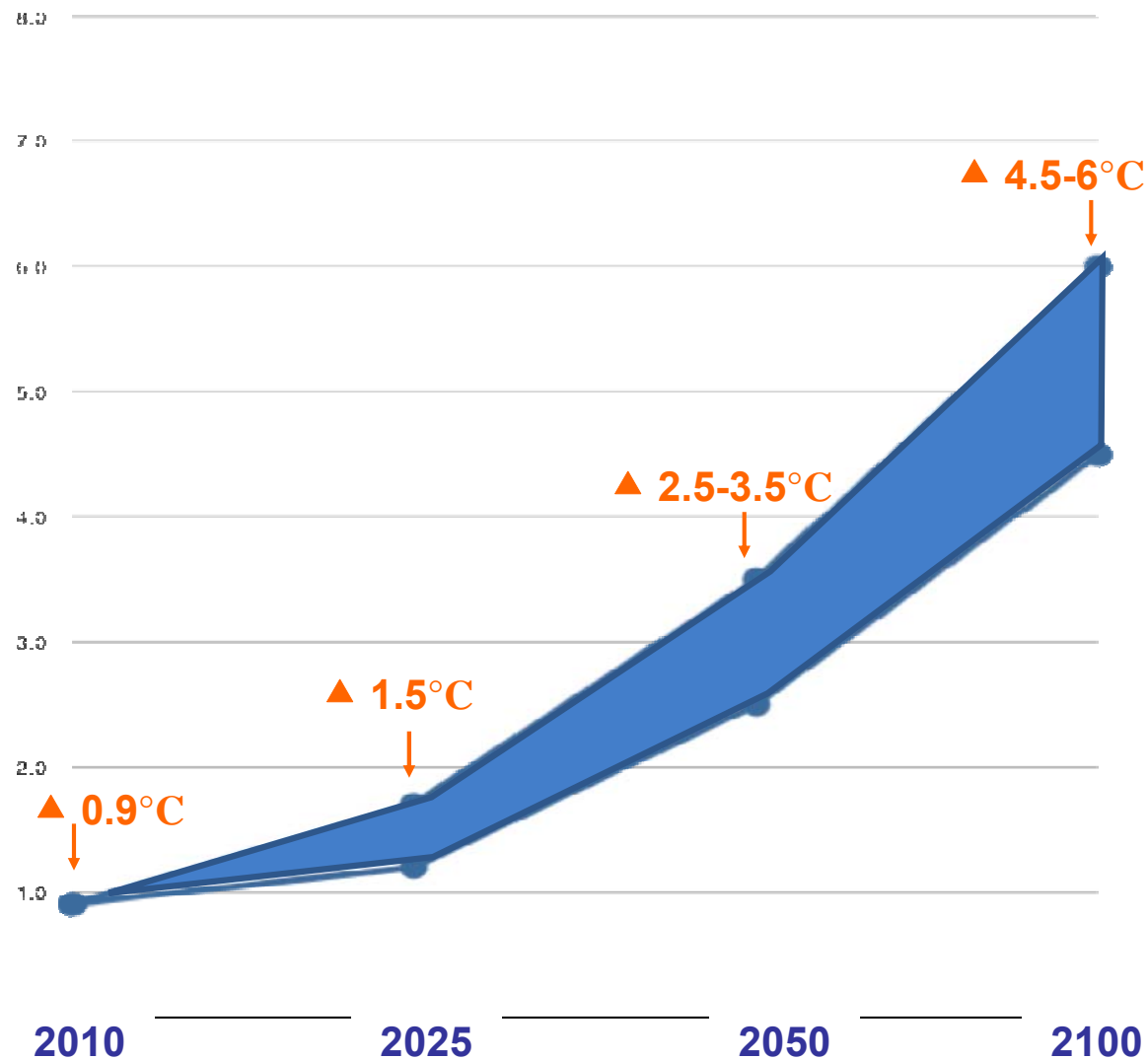


Source: IPCC & CSIRO, 2009



Temperature Projections

>> What it means for the City



Source: IPCC & CSIRO, 2009



Global Warming & Resulting Flow-on Effects of Climate Change

	0°C	0.5°C	1°C	2°C	3°C	4°C	5°C
Water			Supply & availability decreases in many regions. Falling rainfall in some regions	Moderate to significant decreases in rainfall in many dry regions. Declining water quality in many regions.	Significant decreases in water availability. Total collapse of many inland freshwaters Desertification increases & accelerates.		
Food		Falling crop yields in some areas Krill decreases (ocean food chain).		Falling yields in many regions, 15-40% reduction in global crop production. Total collapse of many dryer crop regions. Ocean health in moderate decline with significant loss of sensitive ecosystems, & sudden loss of parts of the ocean food chain. Increasing food shortages & famine.	Widespread famine in many regions. Ocean health & food chain irreversibly affected.		
Human Health			Rapid spread in diseases like malaria Increasing spread of water-borne diseases Increased respiratory & cardiac difficulties		Increasing malnutrition in many regions.		
Ecosystems & Species		Extensive bleaching of coral reefs		Profound impacts on polar ecosystems & species Sudden extinction of many alpine & marine species/ecosystems Many coastal ecosystems become too saline.	Rapid species extinction & ecosystems collapse.		

Source: *Climate Change in the City of Port Phillip – An Initial Perspective*



Understanding our water cycle