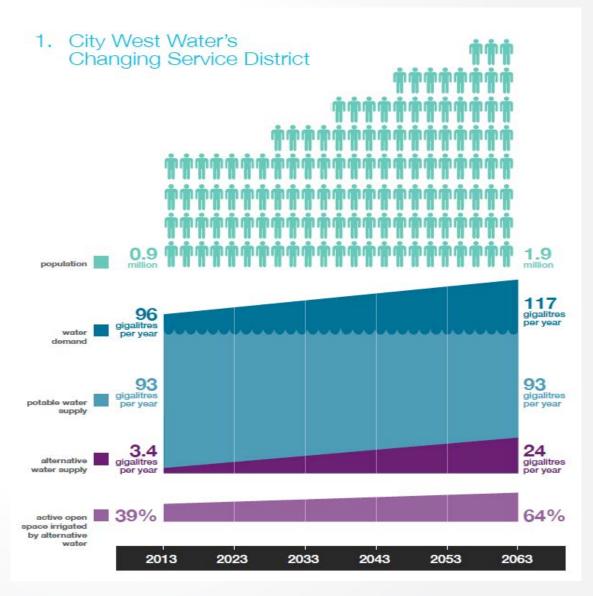
Greening the West in a changing climate



Meeting the needs of a fast-growing region

"A smart and resilient water system for a liveable, sustainable and productive Melbourne"



Integrated Water Cycle Management agenda

- Accommodate future growth without major supply augmentations
- Maintain water within the urban environment and provide environmental flows to waterways
- Integrate water cycle infrastructure water supply, drainage, recycled water
- Ensure cost effective solutions
- Stakeholder engagement and community involvement in decision making

Key strategies

Water supply

Local stormwater harvesting for POS
Recycled water for residential irrigation,
toilets and laundries
Recycled water for suitable nonresidential demands
Potable water for remaining demands
Seasonal variation managed through
ASR

Explore potential for large scale SWH for reinjection into dual reticulation

Sewerage

Sewer mining at Ravenhall to produce recycled water
Remaining sewage and solids treated at WTP

Opportunities

Industrial substitution – Altona Recycled Water Project Stage 2 Central Zone Redevelopment – City North, Arden/Macauley, E-Gate, CBD Dispersed redevelopment – East Werribee, Moonee Valley Racecourse, Maribyrnong Defense Site, Precinct 15, FCAD

Retrofit local stormwater harvesting for POS

Water Supply

Local water supply from sewer Mining or SWH

Recycled water for irrigation, toilets, laundries and cooling towers
Exploring bringing water from WTP to the city







Our project partners













































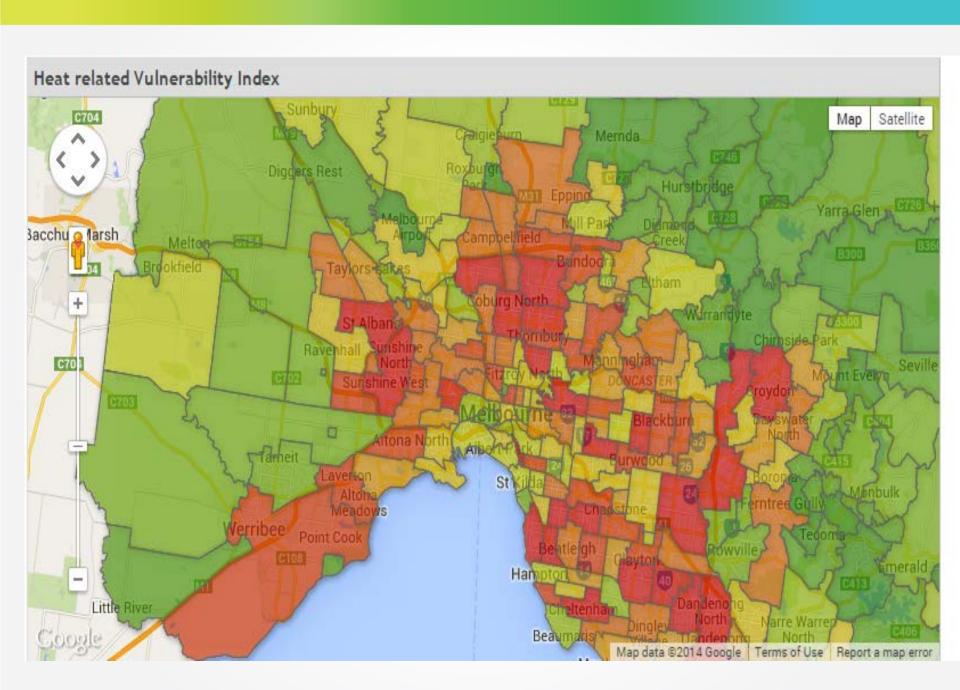


Our agenda

- Mitigate against climate change and reduce heat related illness
- Improve physical health by creating opportunity for physical activity
- Improve mental health by creating healthy environments
- Provide a more liveable environment for all the western suburbs including the growth areas

Municipality	Brimbank	Hobsons Bay	Maribyrnong	Melton	Mooney Valley	Wyndham	Vic. Average
People not meeting physical activity guidelines	31.3% RANK 6	30.8%	25.9%	29.2%	27.3%	28.7%	27.4%
People overweight or obese	52.2%	56.5%	44.2%	58.2% RANK 9	45%	52.5%	48.6%
People with type 2 diabetes	6.7% RANK 7	3.2%	5.5%	9.3% RANK 1	3.1%	4.3%	4.8%
People not eating recommended amounts of fruit and vegetables	43.4%	46.6%	52.3%	54.9% RANK 9	41%	57.1% RANK 4	48.2%
Self-reported health fair or poor	25.5% RANK 1	21.3%	19%	23.4% RANK 6	19%	20.1%	18.3%











Greening the West

– a regional approach

Strategic Plan



Goals	Targets	
1. Maximise urban greening	 Double tree canopy cover in the west by 2050 Green space to be increased by 25% by 2030 	
Improve quality and functionality of green space	Ensure quality and well-designed green open space for all communities	
3. Increase the use and interaction of residents in green space	 All residents to have access to quality green space within 400 – 500 metres from their home Enhance the range of facilities to maximise use and participation Increase tree canopy cover to improve connectivity between open spaces and create urban habitat corridors 	
4. Improve the health and social wellbeing of residents	Improve the health indicators of the west	

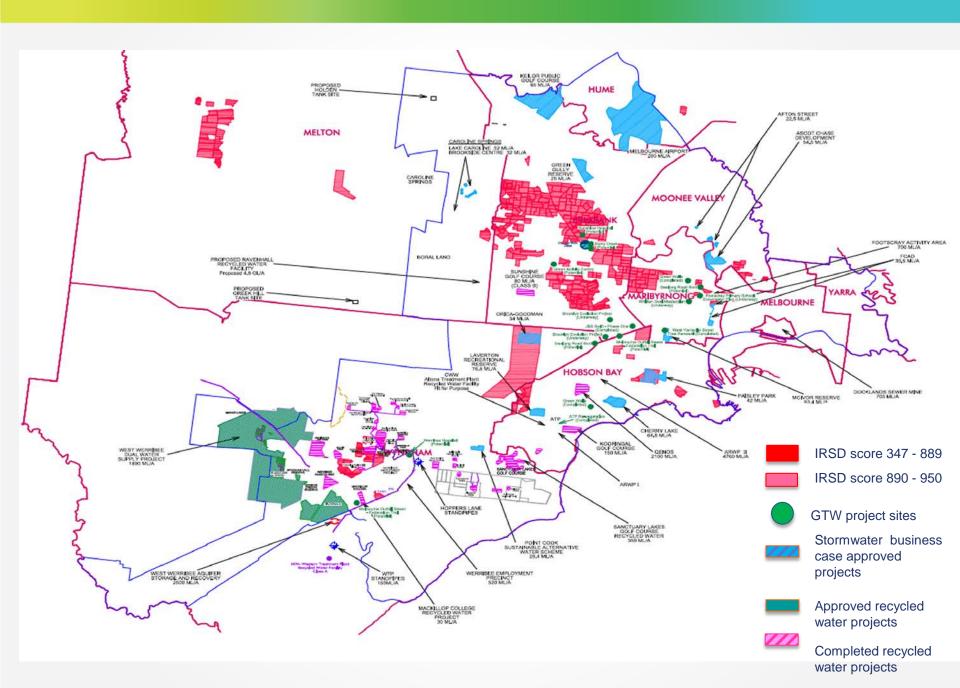
Goals	Targets			
5. Showcase the economic and intrinsic value of urban green space	Create a business case for each green space project			
6. Improve environmental quality	Create benchmark standards for stormwater quality, air quality, natural habitats and heat stress			
7. Advocate green spaces to all levels of government and key stakeholders	 Annually showcase five Greening the West projects Increase engagement and investment from stakeholders and government bodies Lobby all levels of government and stakeholders to maximise greening outcomes Each council to establish a tree protection overlay 			
8. Maximise sustainable water supplies to establish and maintain green space	 Identify opportunities for alternative irrigation of green space 25% increase in supply of alternative water for green space by 2030 			

Planning plus action

- Existing complementary programs and strategies – street trees, parks etc
- Pilot sites green walls, Geelong Road, Ardeer Activity Hub
- Links to precinct wide programs –
 Living Brooklyn industrial estate
- Supporting funding applications and leveraging support from state and federal agencies – 2 Million Trees, 20 Million Trees & Green Army
- Influencing new developments
- Partnering with research institutions
 academics and students
- greeningthewest.org.au new website to be launched soon

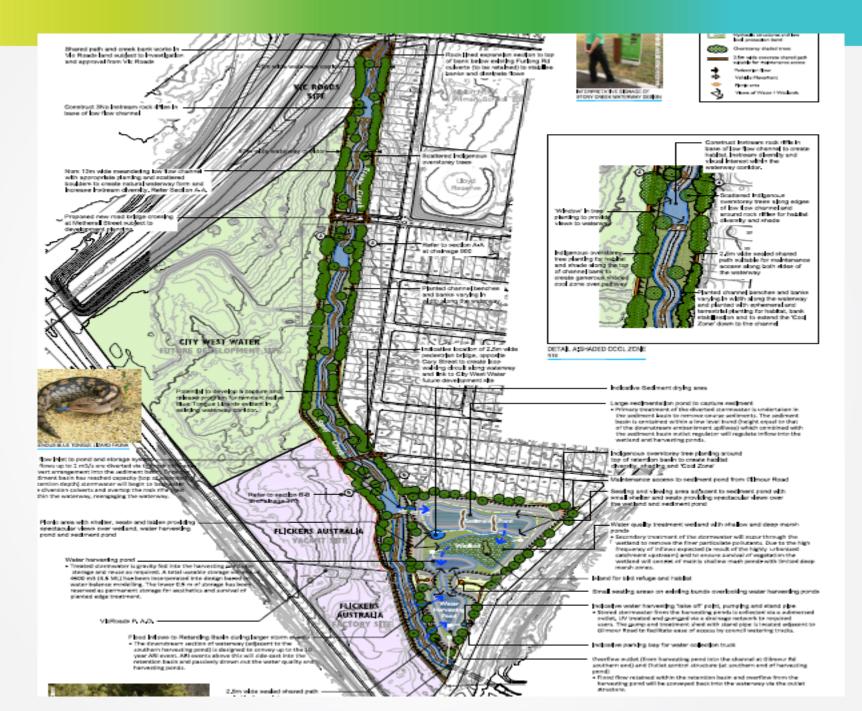












Three top tips

The power of one

A regional alliance or consortium can wield more influence than individual organisations alone. Attractive to potential funding bodies who seek big broad outcomes

- Research networks
 - Universities offer myriad of helpful experts, opportunities for field studies and student projects
- Build an advocacy base
 - Involve many players, discuss ideas and don't forget your internal advocates