City of Belmont

Tabled Attachments

Standing Committee (Environmental) Meeting

Held
25 March 2019

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Standing Committee (Environmental)

Item 11.2 refers

Tabled Attachment 1

2019 Annual Review Environment and Sustainability Strategy Presentation

2019 Annual Review- Environment and Sustainability Strategy

Creating opportunities

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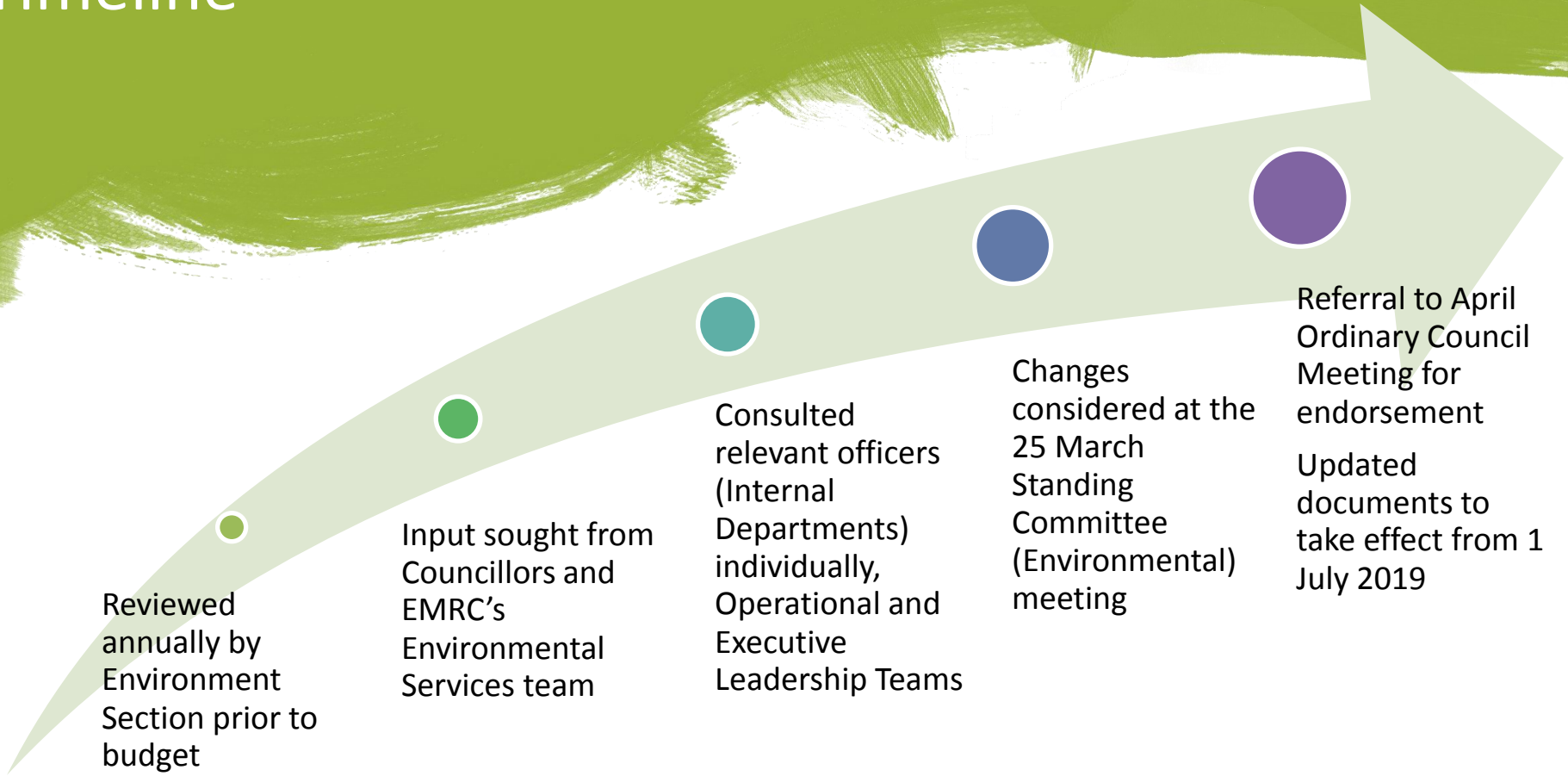
Timeline

TA4



2018/19 actions - completed

TA5

- 2.2 Provide information to assist local businesses and residents to adapt following introduction of the Plastic Bag ban, and promote further reduction of single use disposable plastics
- 3.1 Implement foreshore stabilisation works at Garvey Park, Ascot Racecourse foreshore and other priority sites for erosion control
- 3.2 Undertake biological surveys (fauna and/or macroinvertebrates) of restoration sites to monitor changes in local ecology
- 3.3 Undertake updated flora surveys of key natural areas to monitor changes and plan for future restoration
- 5.6 Consider relevance and benefits of evaluating the City against sustainability frameworks such as the CRC for Water Sensitive Cities Index
- 6.3 Consider WALGA's revised Climate Change Policy Statement in annual review of the Council Policy Manual
- 6.4 Consider WALGA's Discussion Paper on Divestment in Fossil Fuels: Opportunities for Local Governments at time of next review of Policy BEXB 35 Investment of Funds

2018/19 actions

Anticipated to be completed by 30 June 2019

- 3.6 Develop an Urban Forest Policy to reinforce and support the objectives of the City's Urban Forest Strategy and the Canopy Plan currently under development
- 4.1 Undertake major report on results of stormwater monitoring of nutrient and non-nutrient contaminants and review the Sampling and Analysis Plan
- 4.2 Review turf management activities within 50m of wetlands (including mowing, irrigation and application of fertiliser, wetting agents and soil amendments), against environmental best practice
- 5.7 Develop an Environmental Sustainability events checklist to assist City staff when planning and delivering events on behalf of the City
- 6.2 Review the Local Climate Change Adaptation Action Plan

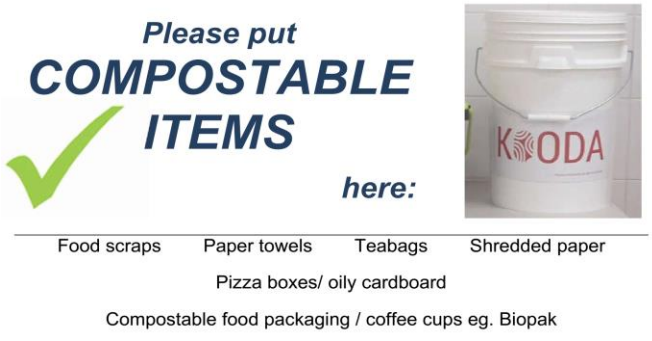
Changes- general

- Amendments to reflect the changed role of the Standing Committee (Environmental)
- Replace references to carbon emissions with greenhouse gas emissions, to encompass all emissions contributing to the greenhouse effect and global warming
- Inclusion of the recently established Belmont and Bayswater Rivercare Association as a stakeholder
- Update to *Qualitative Measures of Consequence* risk definition table for environmental risks
- Inclusion of environmental performance targets for the Faulkner Civic Precinct Community Centre, due to Green Star requirement to demonstrate organisational commitment
- Modification to the Climate Change chapter to reflect recent review of climate change risks, which will supersede the Local Climate Change Adaptation Action Plan

Changes to ongoing actions

TA8

- Inclusion of ongoing actions introduced over the past year (Nespresso pod recycling, Kooda organic waste composting and promotion of The Last Straw)
- Deletion of ongoing action: Participate in the ACER (Achieving Carbon Emissions Reduction) program being coordinated by the EMRC, due to withdrawal as of 30 June 2019
- The ongoing action in relation to worm farms and compost bins has been amended due to limited community interest and lack of storage space



Changes to ‘new actions’ tables

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- Extension of timeframe for actions dependent on other factors e.g. gazettal of the consolidated local law, coordination with other strategies/ documents
- Deletion of actions complete or expected to be completed by 30 June 2019, with inclusion in the ‘Previous achievements’ table for 2018/19
- Modification to measurable outcome for action 5.3 to include installation of a solar PV system at the Operations Centre in 2019

Proposed new actions

- 2.3: Review Community Contribution Fund criteria to consider category for environmental awareness initiatives and eligibility for schools
- 5.6: Undertake a Water Sensitive Cities Index benchmarking workshop
- 5.7: Participate in EMRC's Regional Benchmarking Building Efficiency Project
- 5.9: Work with the EMRC to develop a plan for the phased introduction of a three bin Food Organics and Garden Organics (FOGO) kerbside collection system

What makes a city water sensitive?

TA11

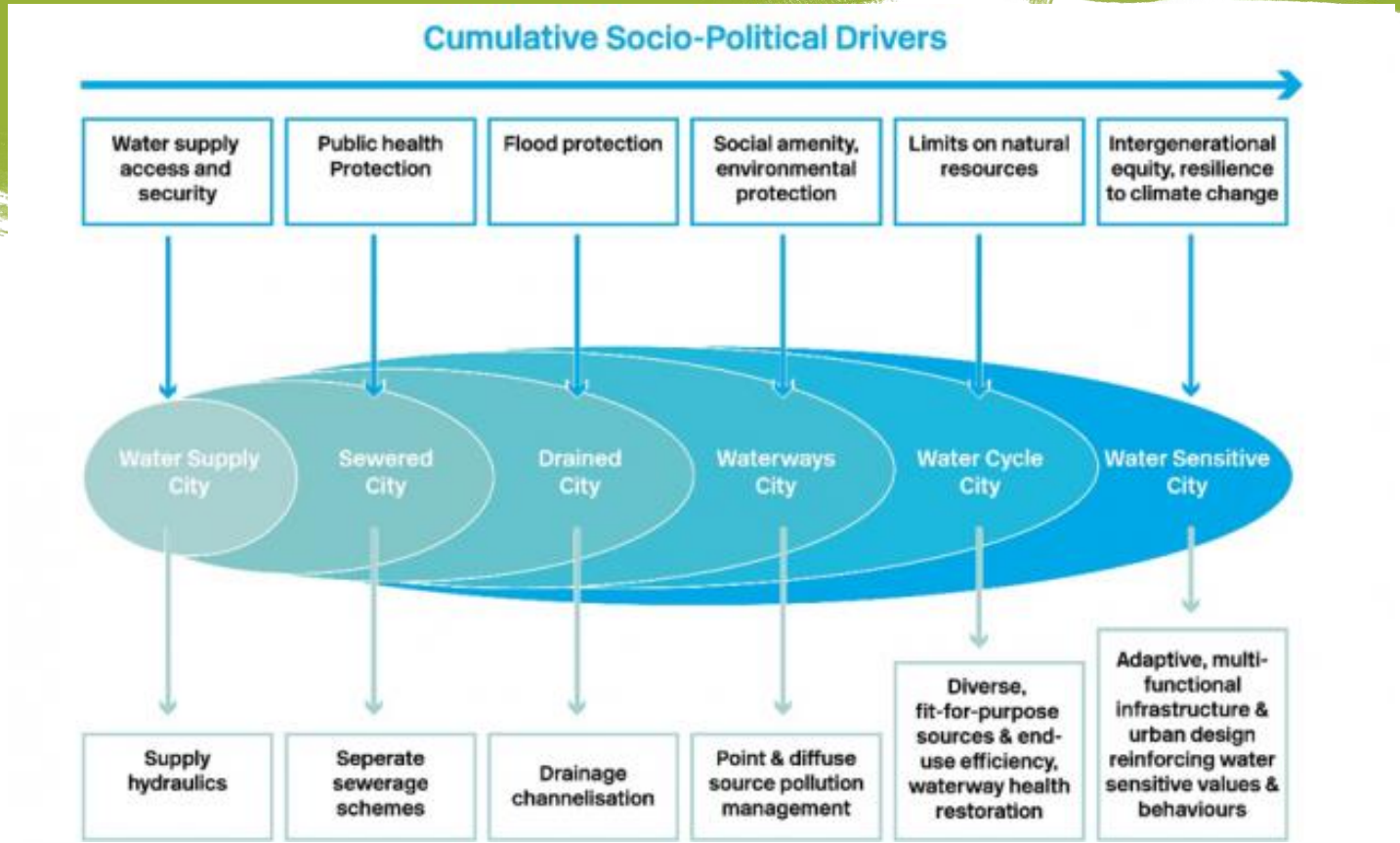
A Water Sensitive City can be described as one that is resilient, liveable, productive, and sustainable.

Water is integral to almost every feature of an urban landscape. Our cities and towns are complex, ever evolving places, and the way we interact with other people constantly changes too. In a water sensitive city, we interact with the urban water (hydrological) cycle in ways that:

- provide the water security essential for economic prosperity through efficient use of diverse available resources;
- enhance and protect the health of waterways and wetlands, the river basins that surround them, and the coast and bays;
- mitigate flood risk and damage; and
- create public spaces that collect, clean, and recycle water.

Cooperative Research Centre (CRC) for Water Sensitive Cities Ltd, 2018

Urban Water Transitions Framework



The Water Sensitive Cities (WSC) Index is designed to

TA13

- Benchmark and rank cities based on water sensitivity performance
- Set targets and track progress
- Inform management responses to improve water sensitive practices, to enable the transition to a Water Sensitive City
- Foster industry collaboration

Benefits

- A shared understanding of how water is managed by the City today (including stormwater, environmental, irrigation, buildings etc.)
- Improved stakeholder understanding on the range of outcomes associated with becoming a Water Sensitive City and solutions that are needed
- Insight into local areas of strength and weaknesses in relation to becoming a Water Sensitive City
- A useful starting point to deliver the CRC for Water Sensitive Cities Transition Planning Process

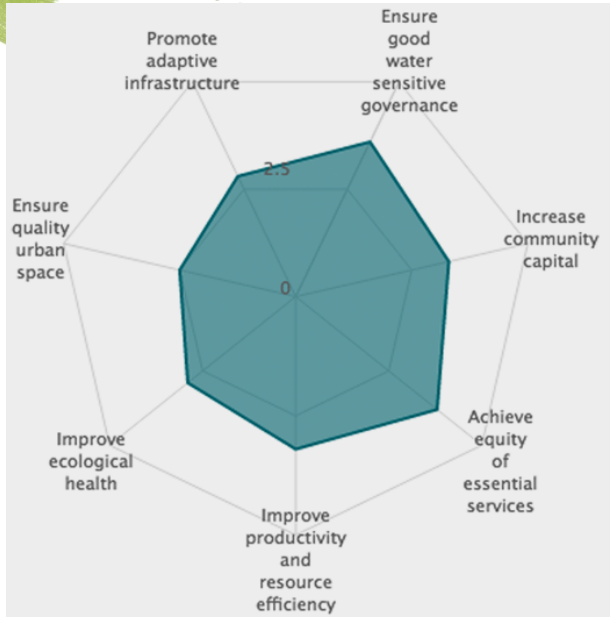
Outcomes

- Provides a scorecard across the Water Sensitive Cities goal areas and indicators, comparable to other participating Local Governments and Cities
- Includes web platform of results, which can be used to model potential impact of future projects/ activities on the scores
- Facilitated collaboration/ discussion between internal Departments with agencies, industry and community

Web based report tool

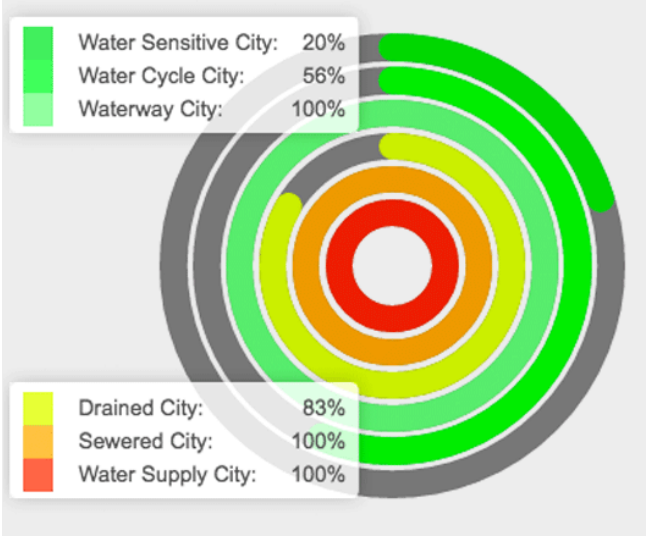
WSC Index goals

Footprint/ web diagram



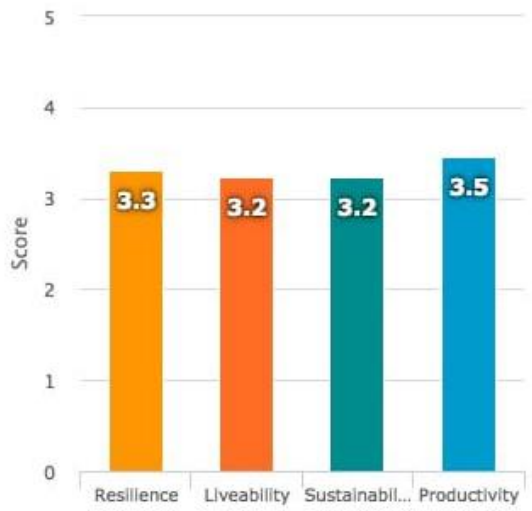
Urban Water Transitions Framework

Water Supply City -> Water Sensitive City



Outcomes

Identifies areas of strength or potential improvement



Benchmarking Building Efficiency

EMRC

Benchmarking is a process where a building's energy use, water consumption, waste production and indoor environment is compared with similar buildings to monitor and track performance and seek opportunities for greater efficiencies.

Project length: Two years
Minimum councils required: Four
Minimum facilities required: 100

Benchmarking Building Efficiency regional project

TA18

- Stage 1: Targets and baseline data collection
- Stage 2: Building audits (extends to 2020/21)

2019/20
$18,500

- Stage 3: Benchmarking performance
- Stage 4: Continuous improvement
- Regional Sustainability Expo

2020/21
$12,500