

SACCA Forum, 25 November 2021

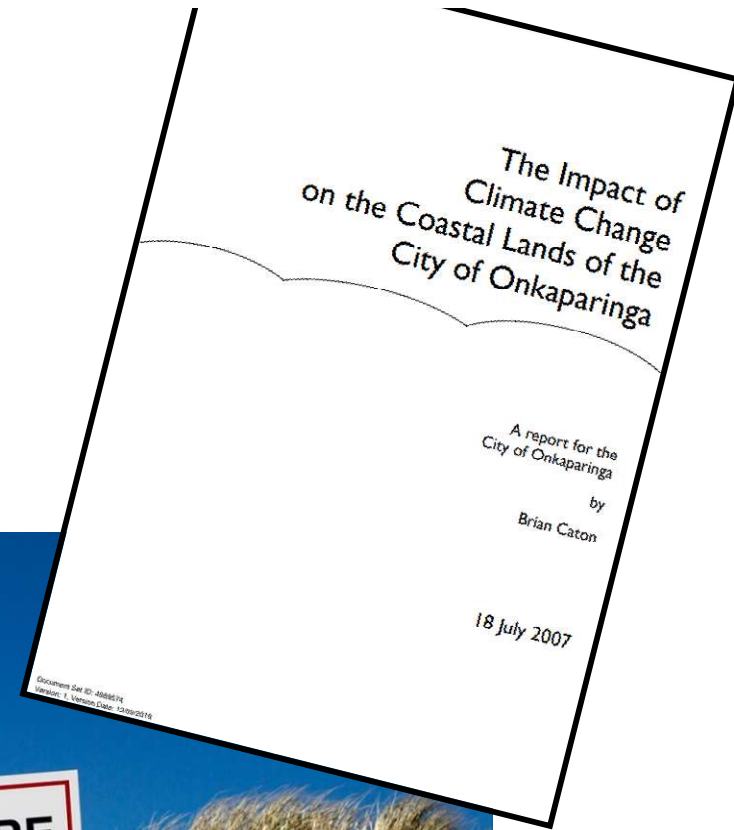
Striding purposefully towards resilience rather than running from risk

PRESENTED BY

Nina Keath, Senior Strategic Planner

Caton Report 2007

The Impact of Climate Change on the Coastal Lands of the City of Onkaparinga



How we've responded





<https://www.youtube.com/watch?v=2M4gw4LIHH4>

Coastal Adaptation Study 2021

- Brings all previous work into one place
- Undertakes historical analysis of how our coastline has operated and changed over time
- Creates a baseline for monitoring future changes
- Conducts climate change scenario modelling to identify plausible futures (2050, 2100)
- Identifies key coastal issues and vulnerabilities
- Conducts preliminary risk assessments for now, 2050 and 2100
- Provides a basis for ongoing adaptation planning.



CLIMATE CHANGE RISKS

Physical

Social

Financial

Legal

Transitional



TCFD

Taskforce on Climate-related Financial Disclosures

Final Report

Recommendations of
the Task Force
on Climate-related
Financial Disclosures



LEGAL AND FINANCIAL RISKS FOR COUNCILS



KNOW
MANAGE
DISCLOSE

CLIMATE RISK GOVERNANCE ASSESSMENT

Informed.City™



Quantitative Indicators



Strategic Plan



Financial Management



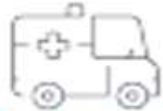
Public Risk Disclosure



Asset Management



Land Use Management



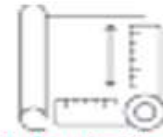
Emergency Management



Greenhouse Gas Emissions Reduction



Climate Risk Management



Adaptation Planning



Climate Change Policy

Qualitative Indicators



Climate Risk Assessments



Staff Capacity & Resource Allocation



Community/Stakeholder Engagement



Institutional/
Intergovernmental Relationships



Climate Legal Risk

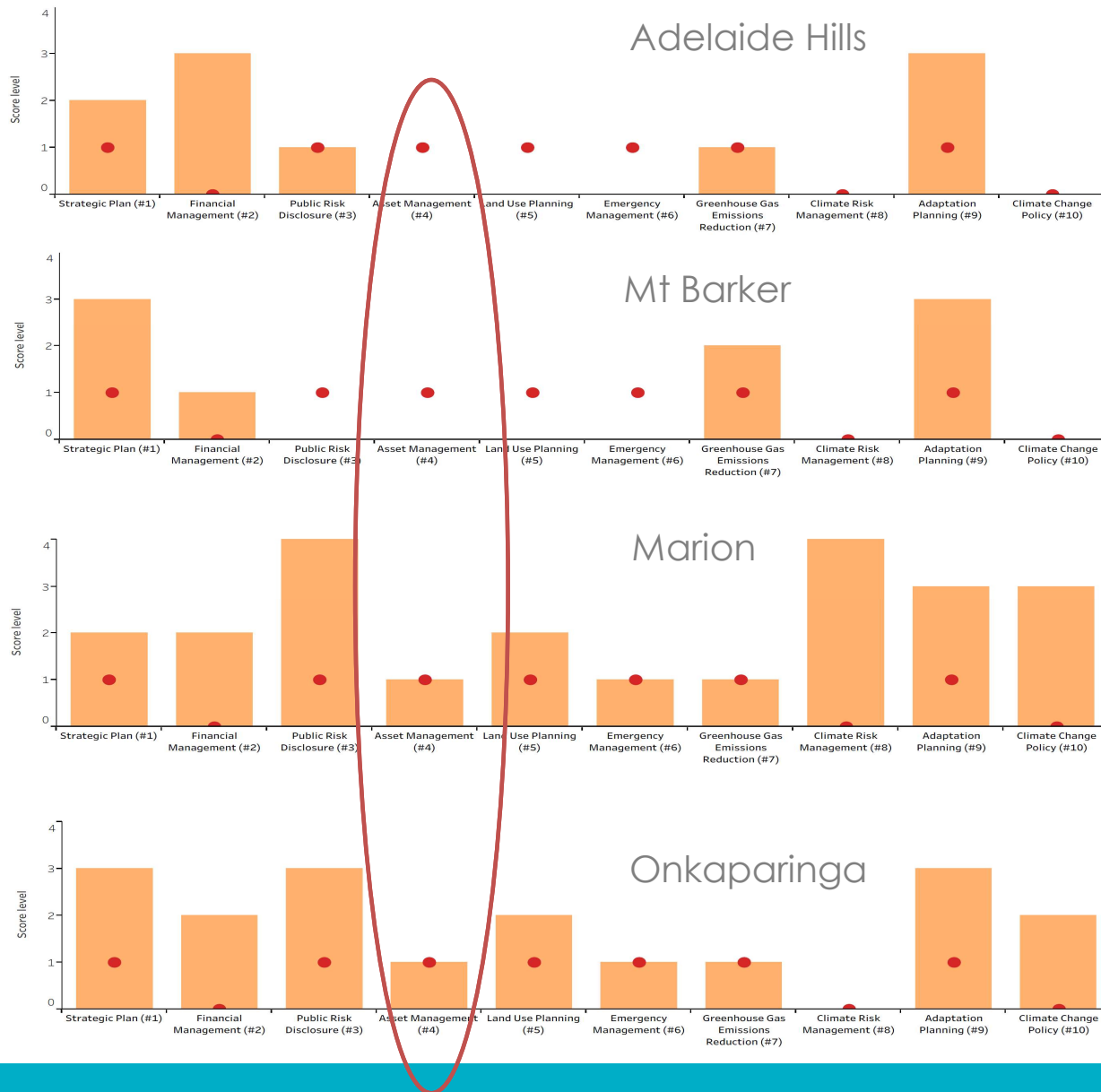


Climate Change Information



Information Systems

ASSETS A KEY GAP



THE GOOD NEWS





Resilient Asset Management Project (RAMP)



THANK YOU