

Program assessment options

VICTORIAN CLIMATE RESILIENT COUNCILS

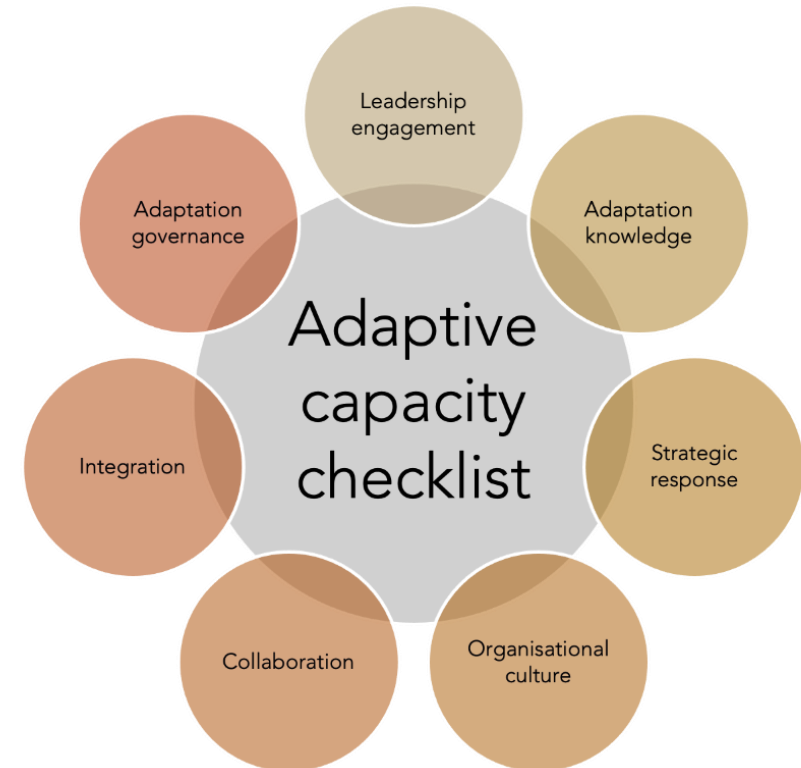
Assessment types

What type of assessment process would be most valuable to your council?

1. Adaptive capacity / governance assessment
2. Municipal climate risk assessment
3. Climate hazard assessment
4. Other?

Option 1: Adaptive capacity assessment

- Adaptive capacity is the ability of a system to adjust to climate change to moderate potential damages, take advantage of opportunities and cope with consequences.
- Organisations with greater adaptive capacity will be better placed to manage the risks and uncertainties posed by climate change and successfully adapt to future challenges.
- An adaptive capacity assessment can provide an overview of a council organisation's high-level governance, leadership, process and policy capabilities.
- An example of an Adaptive Capacity Assessment can be found [here](#)



Option 2: Municipal climate risk assessments

Takes a standard risk-based approach, using national data, locally available information and expert knowledge.

- Identifies how climate change might increase existing risks or create new ones
- Prioritise areas where action may be required, or more detailed assessment needed.
- Generates a risk register that can be used to identify adaptation options and opportunities.

It can also help frame an organisation's adaptation approach and seek and organisational licence to act.



Image source: [CoastAdapt](#)

Option 3: Technical hazard or vulnerability assessment

For a particular prioritised sector, service, or infrastructure.

Used to:

- Develop a detailed estimation of the rate of change (when the risk will cross a tolerable threshold and require action)
- Determine extent and timing of impact
- Implement a particular adaptation response where more detailed data is required to inform decision making. E.g., Sea level rise impact on coastal assets.



Assessment type trade-offs

| Trade-offs | 1. Capacity / Governance | 2. Municipal risk | 3. Climate hazard |
|-----------------------------|--------------------------|-------------------|-------------------|
| Data-richness | Low | Moderate | High |
| Resource requirement | Low | Moderate | High |
| Accessibility | Wide | Moderate | Limited |
| Technical support | Low | Moderate | High |
| Applicability | High | High | Discrete |