

A risk management approach to assessing the impacts of climate change

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Impacts of Climate Change on Human Settlements in the Western Port region



- 2 year project
- Impacts of climate change on built environment
- Local adaptation responses
- Biophysical, social and economic insights
- Stakeholder based approach

Project Partners

Funding Partners



Australian Government
Department of the Environment and Water Resources
Australian Greenhouse Office

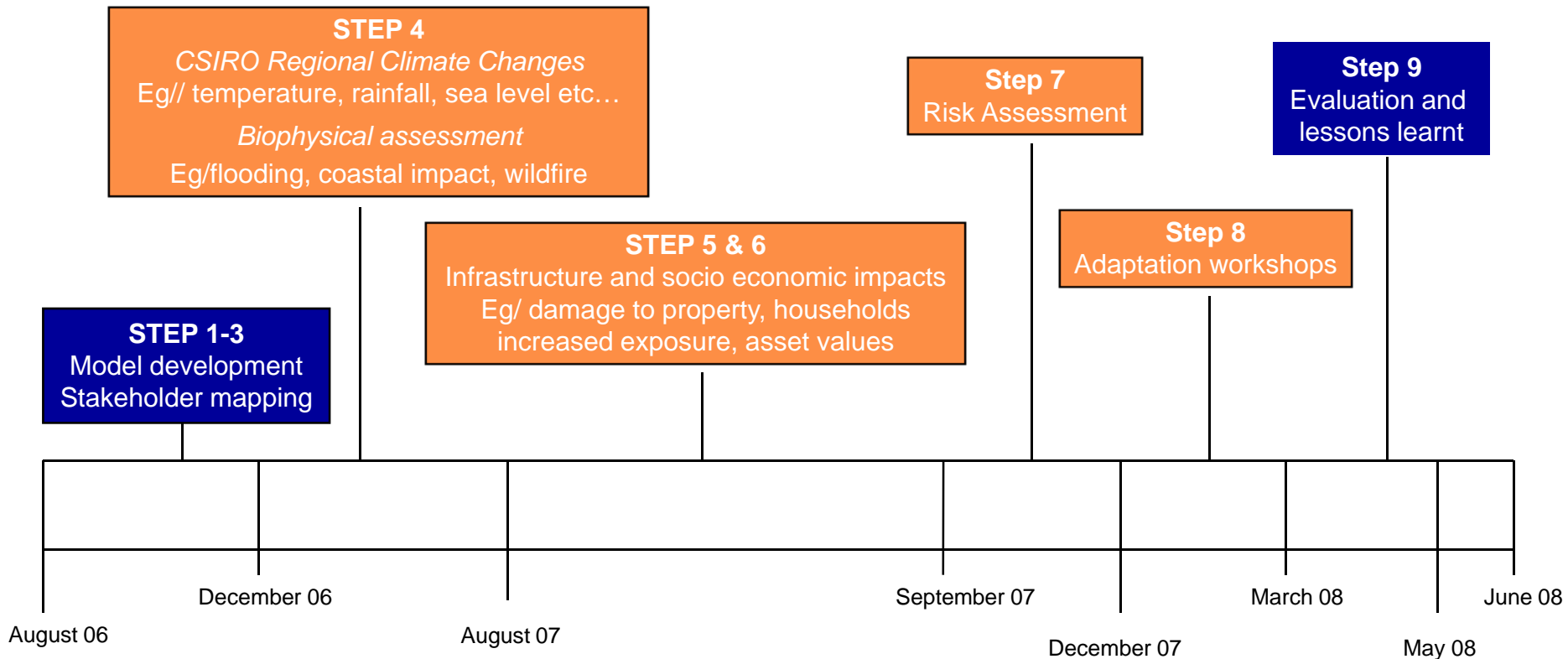


Department of
Sustainability
and Environment

Project Partners



Project steps



Stakeholder Engagement

Benefits:

- Stakeholder buy-in
- Cross-departmental communication
- Broader understanding
- Realistic outcomes
- Built knowledge internally

Stakeholder Engagement

- Challenges:
 - Time
 - Resources
 - Management
 - Expectations



Risk framework

Benefits:

- Aligned with councils' existing framework
- Widely used and understood
- Risks are analysed and prioritised
- Can deal with uncertainty associated with climate change scenarios
- Includes assessment of financial and non-financial
- Can be integrated into existing risk systems on an ongoing basis
- Potential to involve many stakeholders

Risk framework

Challenges:

- Subjectivity
- Compounding Factors
- Prioritisation

Outcomes of the project

- Improved knowledge and awareness of climate change
- Priority areas for future focus
- Formation of Cross-Council Groups
- New projects: Health and Emergency Response
- On-going commitment

Challenges Ahead

- Building Resilience
- Other tools to complement risk assessment e.g. adaptive capacity
- Ensuring that action continues after the project concludes

Questions

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