

# Climate Change Adaptation Roadmap

**Launch Event 25<sup>th</sup> March 2015**

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# EAGA

EASTERN ALLIANCE  
FOR GREENHOUSE ACTION



# Adaptation Roadmap

## Outline

- Project overview
- Climate Change Risk Assessment
- The Adaptation Roadmap
- Next steps



# Project Overview

## Aims

### 1. Embedding Adaptation

Embed climate change risk management and adaptation responses across council operations and decision making processes

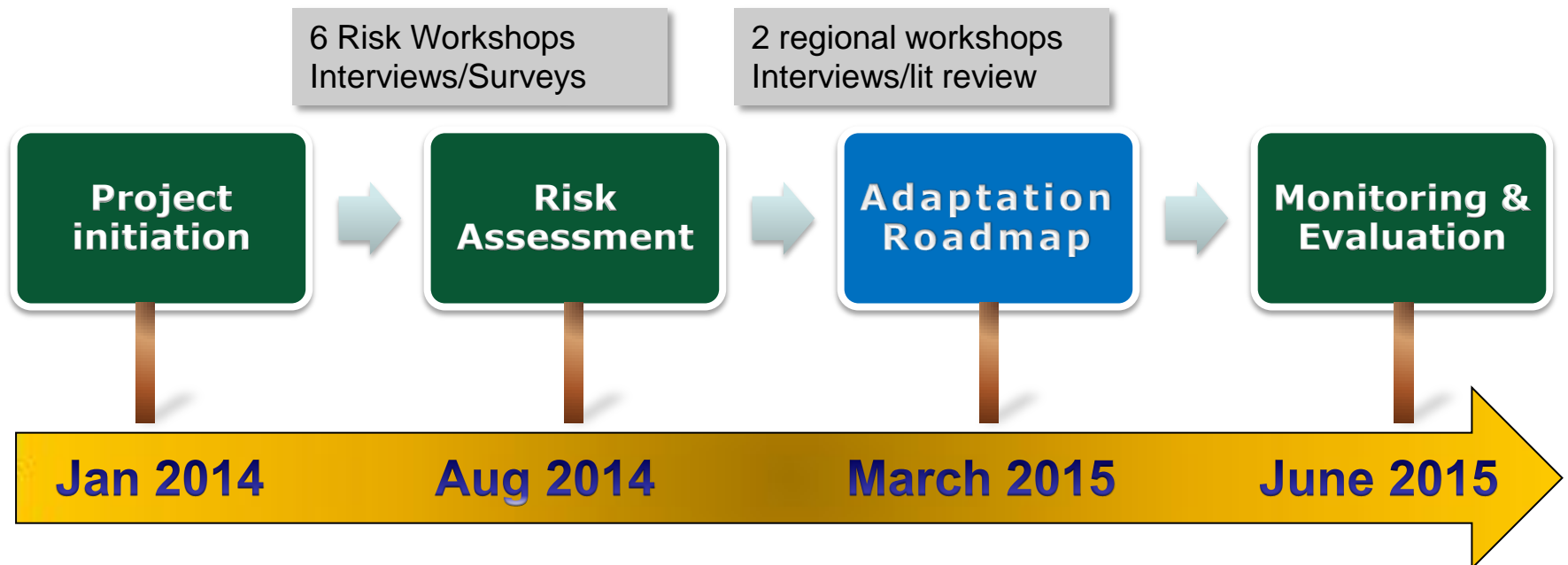
### 2. Identifying Regional Responses

Harmonise regional planning, create economies of scale, enable sharing and pooling of resources



# Project Overview

## Milestones





# Climate Change in Melbourne's East

## CSIRO Projections



# 1. Embedding Adaptation

## Regional Climate Change Risk Assessment

- 70 priority regional risks grouped by service area
- Risks to every aspect of Council business, not just sustainability or emergency management
- Immediate not just emerging risks
- Decision making needs to consider a different climate future
- Preparing can lead to many co-benefits to Council and community

### Adapting to Climate Change in Melbourne's east

A Regional Risk Assessment for Member Councils of  
the Eastern Alliance for Greenhouse Action

August 2014



# 1. Embedding Adaptation

## Communicating risks

1. Risk assessment report
  2. Workshops and interviews
  3. Climate science roadshow
- 
1. Online risk videos

Climate Change Adaptation Roadmap

## Climate Change Adaptation Roadmap

EAGA is currently developing a Climate Change Adaptation Roadmap for decision makers in Melbourne's east. The project aims to raise awareness, build capacity and identify regional opportunities for addressing climate risks to Council assets, operations and service delivery responsibilities. The project receives funding through the [Victoria Adaptation Sustainability Partnership](#).

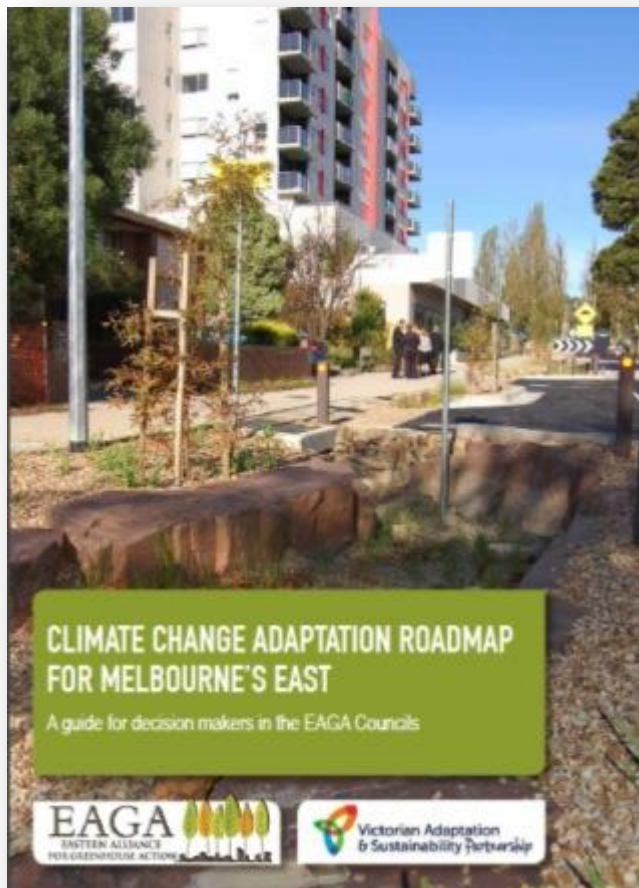


In August this year, EAGA delivered a regional risk assessment that identified 70 priority risks to local government arising from climate change. These risks are diverse and affect every aspect of Council. For more detailed information on risks to each service area, click on one of the links below:

[Community planning](#)

## 2. Identifying Regional Responses

### The Roadmap



VISION

GOALS

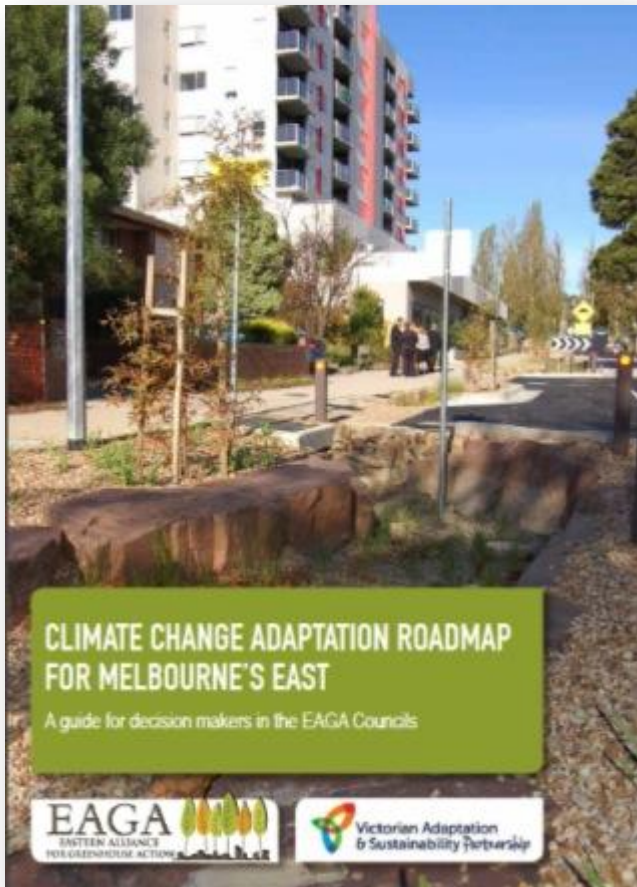
OBJECTIVES

REGIONAL ACTIONS



## 2. Identifying Regional Responses

### The Roadmap

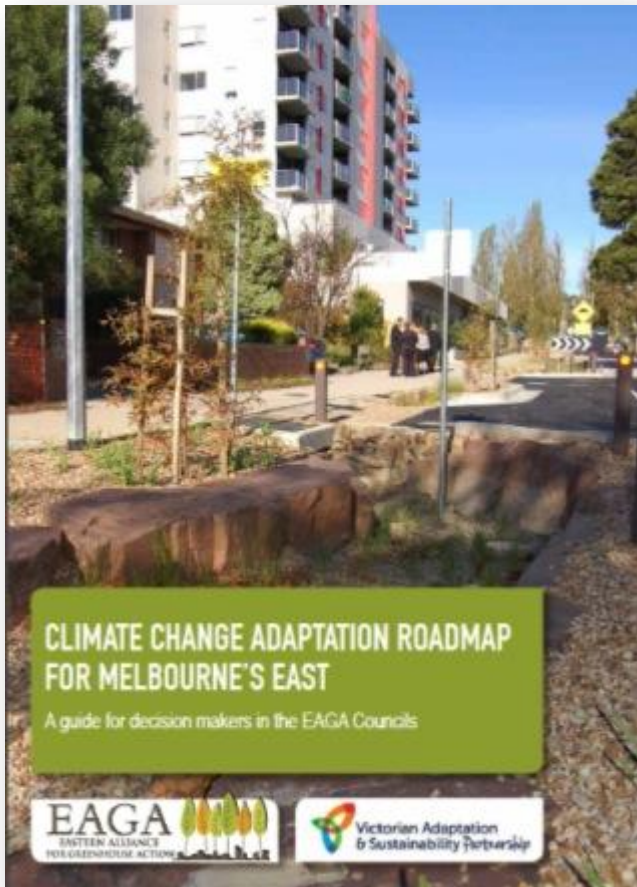


## VISION

*Melbourne's east is home to resilient communities that take **proactive steps to reduce risks** from climate change and **realise the opportunities for regional adaptation***

## 2. Identifying Regional Responses

### The Roadmap

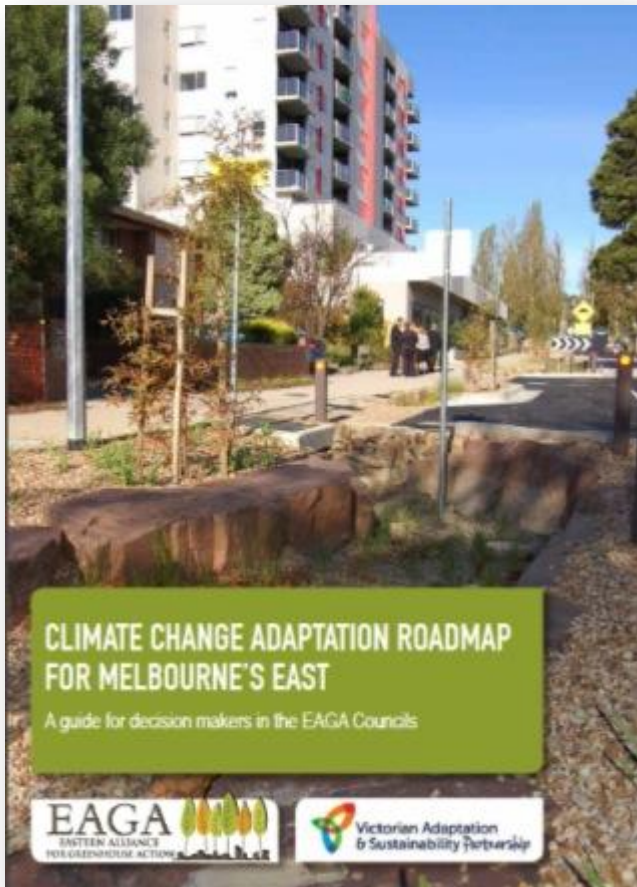


### GOALS

1. Raise Awareness
2. Build Capacity
3. Identify Responses

## 2. Identifying Regional Responses

### The Roadmap



### OBJECTIVES

10 regional adaptation objectives



### REGIONAL ACTIONS

10 priority actions w/ supporting actions

# Who is the roadmap for?

## Implementation

1. Actions that EAGA can pursue subject to funding and other windows of opportunity
2. Actions that EAGA can advocate, facilitate or promote through other networks and regional bodies
3. Actions that can adapted and linked to individual council strategies and policies

**N.B. Not all actions will be carried out by EAGA, but roadmap provides a set of achievable no regrets options that can be pursued in the short term**





# Objective 1:

Improve the resilience of built infrastructure



## Action:

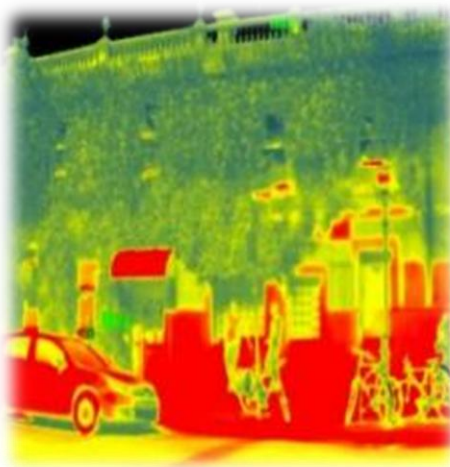
Conduct a regional building vulnerability assessment and conduct targeted upgrades





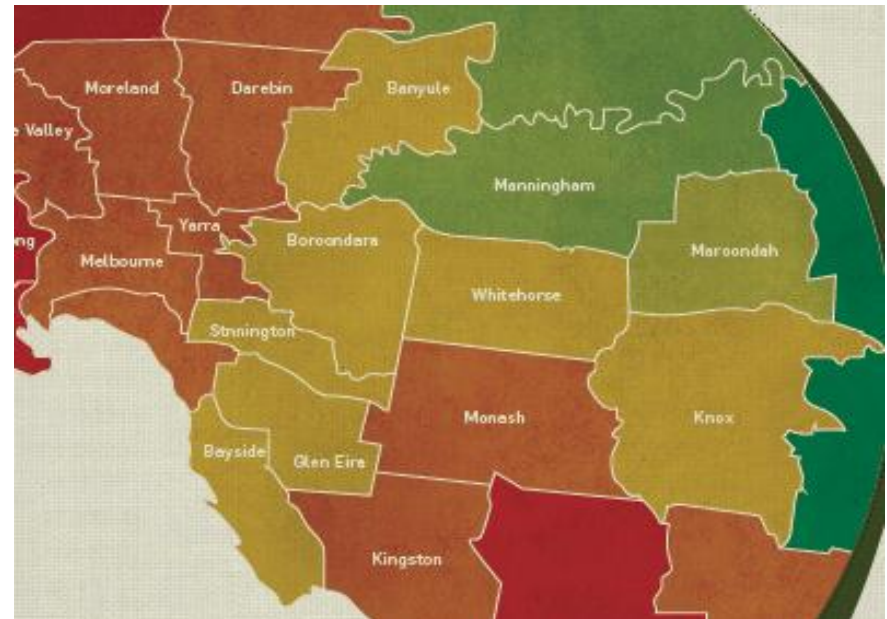
## Objective 2:

Reduce urban heat throughout the region



## Action:

Develop a regional greening strategy



## Objective 3:

Reduce impacts of heatwaves on communities

### Action:

Solar rates for low income households





## Objective 4:

Improve emergency preparedness and response

### Action:

Work with Emergency Management Victoria to improve heat wave preparation and response



## Objective 5:

Improve the adaptive capacity of the regional economy



### Action:

Understand the economic impacts of climate change on strip shopping precincts and identify opportunities for building resilience



## Objective 6:

Improve the resilience of electricity infrastructure to projected increase in extreme weather events



## Action:

Work with Distribution Network Service Providers (DNSPs) to identify initiatives for improving electricity network reliability and community resilience





## Objective 7:

Improve regional resilience to droughts and flooding



## Action:

Work with Melbourne Water and water retailers to maximise opportunities for alternative water use including identification of regional stormwater capture and reuse opportunities

## Objective 8:

Build organisational capacity across EAGA Councils to respond to climate change risks

### Action:

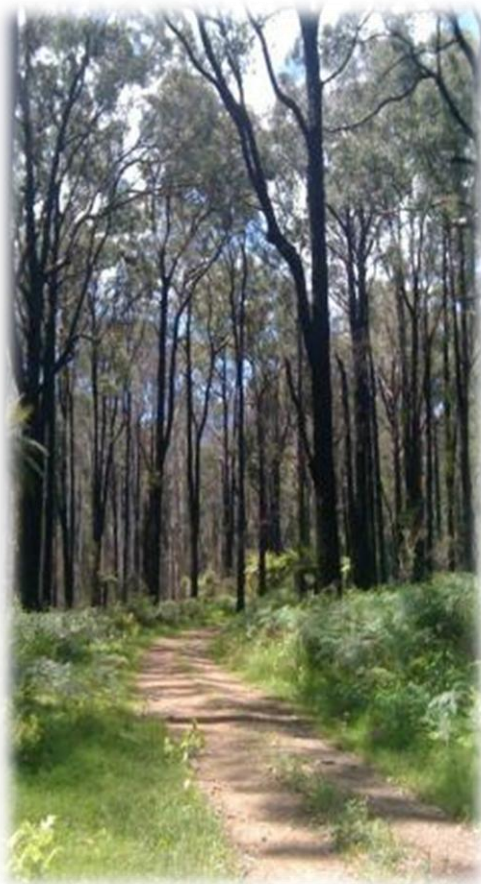
Develop a regional adaptation capacity building program to champion adaptation through collaboration





## Objective 9:

Improve biodiversity and open space management responses to climate change



## Action:

Seek further funding for reporting and analysis of the EAGA biodiversity monitoring framework and develop regional responses



## Objective 10:

Improve regional food security

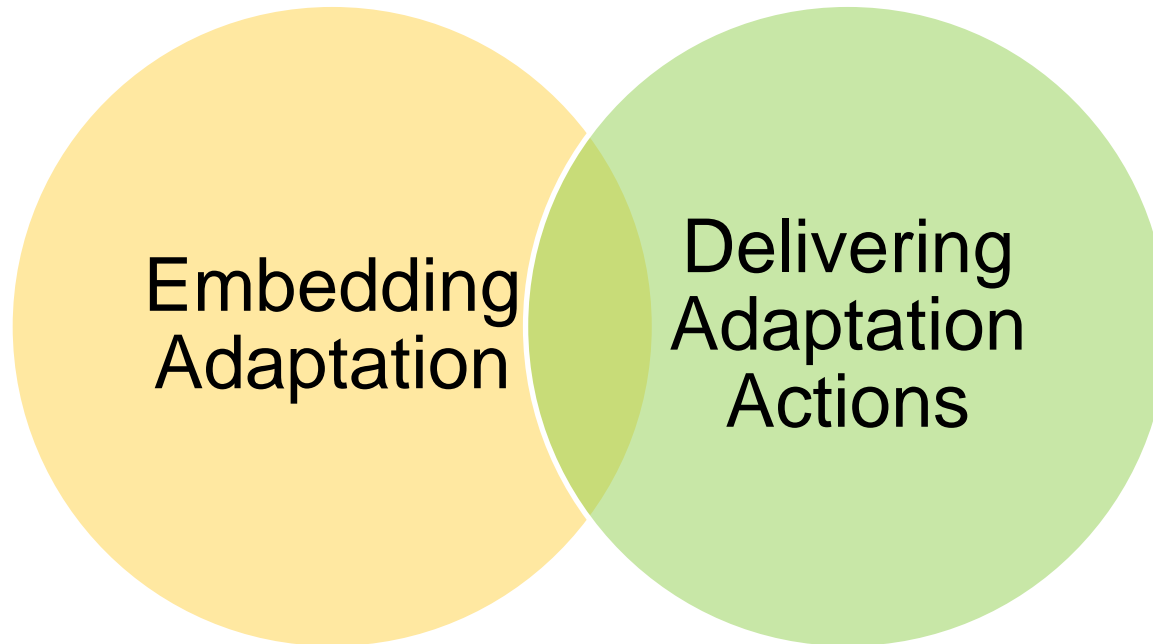
### Action:

Understand the regional food network and work together to diversify and promote urban food production



# Monitoring and Evaluation

## Framework for Roadmap implementation



Where are we at?

Where could we do better?

What new options could we pursue?



# Thank you

## Project Partners and Supporters



# Videos

